

COUNTY COUNCIL
OF
HARFORD COUNTY, MARYLAND

BILL NO. 01-38

Introduced by Council President Hirsch at the request of the County Executive

Legislative Day No. 01-36 Date December 4, 2001

AN ACT to repeal and re-enact with amendments Chapter 82, Building Construction, of the Harford County Code, as amended; to provide that Harford County shall adopt as its standard for building regulations the 2000 International Building Code and the 2000 International Residential Code with certain amendments thereto; to further provide penalties for the violation of the building standards; and generally relating to buildings and construction in Harford County, Maryland.

By the Council, December 4, 2001

Introduced, read first time, ordered posted and public hearing scheduled

on: January 8, 2002

at: 7:30 p.m.

By Order: James E. Massey, Jr., Council Administrator

PUBLIC HEARING

Having been posted and notice of time and place of hearing and title of Bill having been published according to the Charter, a public hearing was held on January 8, 2002, and concluded on, January 8, 2002.

James E. Massey, Jr., Council Administrator

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW. [Brackets] indicate matter deleted from existing law. Underlining indicates language added to Bill by amendment. Language lined through indicates matter stricken out of Bill by amendment.

Section 1. Be It Enacted That Chapter 82, Building Construction, of the Harford County Code, as amended, be and it is hereby repealed and re-enacted and all to read as follows:

Chapter 82. Building Construction

[ARTICLE I. BOCA National Building Code

§ 82-1. Adoption of BOCA National Building Code by reference.

A. The BOCA National Building Code, Thirteenth Edition, 1996 (hereinafter referred to as the Building Code, or code) published by the Building Officials and Code Administrators International, Inc., is hereby adopted and by reference thereto is made a part of this chapter with the same force and effect as though set out in full herein, save and except such changes, amendments, revisions, deletions, substitutions and/or additions as are specified in this chapter. If conflicts with this code/1996, or with changes, amendments, revisions, deletions, substitutions, and/or additions to that code are found elsewhere in the County Code, the more restrictive provisions shall govern.

B. At least one copy of this code and supplements thereto shall be on file and open for public use, examination and inspection in the office of the Director of Administration and in the office of the Council Administrator.

§ 82-2. Modifications.

A. The following provisions of the code are hereby deleted.

- | | |
|---------|-------------------------------------|
| 104.2 | Appointment |
| 104.3 | Organization |
| 104.4 | Deputy |
| 112.4 | Accounting |
| 114.2.1 | Building permit requirement |
| 807.2.2 | Field test for decorative materials |

1 1014.11.4 Exit signs
2 1705.1.1 Building permit requirement
3 1813.5.3 Drainage disposal
4 3102.4 Permits and construction documents thru 3102.5.4
5 3102.7 Ground signs
6 3102.12-3102.12.4 Temporary signs
7 3102.14 Portable signs

8 B. The following sections are changes or additions to certain sections of the code.

9 (1) Section 101.1 is hereby amended by adding "Harford County" after the word "of"
10 and before the word "hereinafter".

11 (2) New Section 101.5 is added as follows:

12 "101.5 Agriculture structures: The provisions of this code shall not apply to the
13 construction, maintenance or alteration of buildings or structures on farms which are
14 zoned agricultural, assessed agricultural and used only for agricultural pursuits if
15 such buildings and/or structures are not intended for nor used for human occupancy."

16 (3) New Section 102.5 is added as follows:

17 "102.5 Other regulations: When this code and any other referenced code have
18 conflicting technical requirements which address the same issues and involve health,
19 safety or welfare, the most restrictive requirements shall apply."

20 (4) Section 104.1 is deleted and the following is inserted in lieu thereof:

21 "104.1 Code Official: The Director of the Department of Inspections, Licenses and
22 Permits shall be known as the Code Official and/or as the Building Official."

23 (5) New Section 106.4.1 is added as follows:

24 "106.4.1 Research and investigations: The Code Official may require that sufficient

1 technical data be submitted to substantiate the proposed use of any material or
2 assembly, and if it is determined that the evidence submitted is satisfactory proof of
3 performance for the use intended, the Code Official may approve its use subject to
4 the requirements of this code. The costs of all tests, reports and investigations
5 required under these provisions shall be paid by the applicant. Supporting data, when
6 required by the Code Official to assist in the approval of all materials or assemblies
7 not specifically provided for in this code, shall consist of duly authenticated research
8 reports from approved sources.”

9 (6) Section 107.1 is deleted and the following inserted in lieu thereof:

10 “107.1 Permit application: An application shall be submitted to the Code Official for
11 the following activities, and it shall be unlawful to commence these activities without
12 a permit being issued in accordance with Section 108.0.

- 13 1. Construct or alter a structure.
- 14 2. Construct an addition.
- 15 3. Demolish or move a structure.
- 16 4. Make a change of use.
- 17 5. Install or alter any equipment which is regulated by this code.
- 18 6. Move a lot line which effects an existing structure.”

19 (7) Section 107.1.1 is amended by adding the words “load bearing” after the word “any”
20 and before the word “wall” in the second sentence.

21 (8) New Section 107.1.2 is added as follows:

22 “107.1.2 Fire damage: Repair of fire damaged structures shall comply with the
23 requirements of Section 3408.5.”

24 (9) Section 107.3 is deleted and the following inserted in lieu thereof:

1 “107.3 By whom application is made: Application for a permit shall be made by the
2 owner or lessee of the building or structure, or the authorized agent of either. If the
3 application is made by a person other than the owner in fee, it shall be accompanied
4 by a “letter of authorization” signed by the owner in fee, stating that the proposed
5 work is authorized by the owner in fee and that the applicant is authorized to make
6 such application. The full name and address of the owner or the applicant (if the
7 applicant is not the owner in fee) and of the responsible officers (if the owner or
8 applicant is a corporate body, partnership, joint venture or other business entity) shall
9 be stated in the application.”

10 (10) New Section 107.10 is added as follows:

11 “107.10 Withholding permits: The Building Official may withhold the issuance of
12 any permit and/or place a hold on inspections if the applicant, the owner, or any
13 individual listed on the application as a responsible officer (if the applicant is a
14 business entity), has failed to remedy or correct any existing/alleged violation of the
15 Harford County Code on any construction projects in Harford County for which the
16 applicant has been cited by any county agency.”

17 (11) Section 108.2 is deleted and the following inserted in lieu thereof:

18 “108.2 Invalidation of and re-issuance of permits: All permits shall expire and be
19 null and void unless the work authorized thereunder is commenced within twelve
20 (12) months from the date of issuance, provided that the department may, upon good
21 cause shown, extend a permit one (1) time for a period not exceeding sixty (60) days.
22 Otherwise, all permits shall expire one (1) year after the last known work has been
23 completed.”

1 (12) New Section 111.5 is added as follows:

2 “111.5 Non-compliance with code, permit or plans: Any work performed contrary to
3 approved plans or permit shall be removed and constructed in accordance with
4 approved permit/plans or otherwise made to comply through engineering design or
5 through a revised permit and/or plans as determined necessary by the Building
6 Official.”

7 (13) Section 112.3.1 is amended by adding “Chapter 157 of the Harford County Code.”
8 after the word “with” and deleting “the following schedule.”

9 (14) Section 112.5 is deleted and the following inserted in lieu thereof:

10 “112.5 Refunds: Refunds shall be made in accordance with Chapter 157 of the
11 Harford County Code.”

12 (15) Section 113.2.2 is deleted and the following inserted in lieu thereof:

13 “113.2.2 Follow-up inspection: The owner shall provide for special inspections of
14 fabricated items in accordance with Section 1705.0. The inspector or inspection
15 agency shall conduct such inspections as required by Section 1705.0 to assure
16 conformance to the approved evaluation report. The product shall have an
17 identifying label permanently affixed to the product indicating that the inspection of
18 the fabricated items has been performed.”

19 (16) Section 113.4 is amended by adding a new paragraph at the end of the section:

20 “Nothing in this section shall be deemed to restrict or otherwise limit the provisions
21 of Section 1-18 of the Harford County Code.”

22 (17) New Section 113.6 is added as follows:

23 “113.6 Purpose of inspections: All inspections conducted by the Department of
24 Inspections, Licenses and Permits are performed for the protection and promotion of

1 public safety, health and welfare. The inspections are made solely for the public
2 benefit, and are not to be construed as providing any warranty of construction to
3 individual members of the public.”

4 (18) Section 114.1 is amended by deleting the words “be signed, sealed” after the word
5 “shall” and before the word “and” in the third sentence and adding the words “bear
6 an original seal and signature and be”, in lieu thereof.

7 (19) New Section 114.1.1 is added as follows:

8 “114.1.1 R-3 and accessory structures: Construction documents for the construction
9 of one and two family dwellings as defined in Chapter 2 of this code and any
10 accessory structures are not required to be sealed by a registered design professional.
11 Exception: If the structure is unique in its method of construction or in any unusual
12 detail, the Code Official or his representative may require sealed construction
13 documents.”

14 (20) Section 115.1 is deleted and the following inserted in lieu thereof:

15 “115.1 Standards: All buildings, structures and appurtenances thereto shall be
16 constructed strictly in compliance with accepted engineering practice. All members
17 and components of the structure shall be installed, fitted or fastened, moved or stored
18 in such a manner that the full structural capabilities of the members are obtained.
19 Improper alignment (level and square), fitting, fastening, or methods of construction
20 shall be considered a violation of this code.”

21 (21) New Section 115.2 is added as follows:

22 “115.2 Enforcement, suspension or revocation of permit; inspection for use and
23 occupancy certificate:

1 (A) Enforcement procedure.

2 (1) When the Code Official, or his representative, determines that a
3 violation of the Building Code, standard construction control or the
4 provisions of this chapter has occurred, the on-site general contractor
5 or building permittee shall be notified in writing of the violation and
6 of the required corrective action and the time period in which to have
7 the violation corrected.

8 (2) If the violation persists after the date specified for corrective action in
9 the notice of violation, the Department of Inspections, Licenses and
10 Permits shall stop work on the site by the issuance of a stop work
11 order. The Department of Inspections, Licenses and Permits shall
12 determine the extent to which work is stopped, which may include all
13 work on the site except that work necessary to correct the violation.
14 The stop work order may also include all phases of construction,
15 including building, plumbing, and electric inspection services of one
16 or more phases of building, plumbing and electrical work. This
17 provision does not limit or otherwise restrict the provisions of
18 §82-2B(11).

19 (3) If reasonable efforts to correct the violation are not undertaken in a
20 timely manner, the Department of Inspections, Licenses and Permits
21 may refer the violation for legal action.

22 (4) The Department of Inspections, Licenses and Permits may deny or
23 recommend denial of the issuance of any permit to an applicant when
24 it determines that the applicant is not in compliance with the Building

1 Code, standards, construction control or the provisions of this Article
2 on any site.

3 (5) Any step in this enforcement process may be taken at any time,
4 depending upon the severity of the violation.

5 (B) Suspension or revocation of permits, inspections, and use and occupancy
6 certificates by the Code Official after notice.

7 (1) Uncorrected violations of the Building Code, standards, construction
8 control or the provisions of this article or any other applicable law,
9 ordinance, rule or regulation relating to the work involving any
10 Department of Inspections, Licenses and Permits or agency of
11 Harford County may result in the suspension or revocation of permits,
12 inspections or licenses.

13 (2) Existence of any condition or the doing of any act constituting or
14 creating a nuisance, hazard, or endangerment of human life or
15 property of others may result in the suspension or revocation of
16 permits, inspections or licenses.

17 (C) If conditions warrant, no notice of violation is necessary and the Department
18 of Inspections, Licenses and Permits may proceed directly with: (1) a stop
19 work order; (2) legal action; or (3) suspension or revocation of permits,
20 inspections or use and occupancy certificates.

21 (22) Section 116.4 is deleted and the following inserted in lieu thereof:

22 “116.4 Violation penalties: Any person who violates a provision of the Building
23 Code or fails to comply with any of the requirements thereof, or who erects,
24 constructs, alters, repairs, occupies or relocates a building or structure in violation of

1 an approved plan or directive of the Code Official, or of a permit or certificate issued
2 under the provisions of the Building Code, shall be guilty of a misdemeanor,
3 punishable by a fine of not more than one thousand dollars (\$1,000.00) or by
4 imprisonment not exceeding ninety days, or both such fine and imprisonment. Each
5 day that a violation continues shall be deemed a separate offense.”

6 (23) Section 117.2 is deleted and the following inserted in lieu thereof:

7 “117.2 Unlawful continuance: Any person who shall continue to work in or about
8 the building after having been served with a stop work order, except such work as he
9 is directed to perform to remove a violation or unsafe condition, shall be liable to a
10 fine of not less than one hundred dollars (\$100.00) nor more than one thousand
11 dollars (\$1,000.00).”

12 (24) Section 118.2 is deleted and the following inserted in lieu thereof.

13 “118.2 Temporary occupancy: Prior to the consummation of sale (settlement) or
14 commencement of tenancy the Code Official may issue a Type I (temporary) use and
15 occupancy certificate valid for thirty (30) days upon the completion of inspections by
16 all appropriate county inspection agencies. A temporary use and occupancy certificate
17 will be issued including a list of violations or deficiencies requiring correction prior
18 to the issuance of a clear final use and occupancy certificate. At the time of
19 settlement the certificate of temporary use and occupancy including a list of
20 deficiencies which remain to be corrected prior to the issuance of such certificate
21 shall be presented to the buyer.”

22 (25) New Section 118.2.1 is added as follows:

23 “118.2.1 Correction of violations or deficiencies: Unless contractually relieved of
24 such responsibility, the seller shall be responsible for correction of any violation or

1 deficiency necessary for the certificate to be issued. When a certificate of use and
2 occupancy has not been issued prior to consummation of the sale, there shall be
3 required a separate written contractual agreement indicating responsibility and time
4 for correction of all deficiencies or violations cited by any county inspection agency.”

5 (26) New Section 118.3.1. is added as follows:

6 “118.3.1 Changes in use and occupancy: After a change of use has been made in a
7 building or structure, the reestablishment of a prior use that would not have been
8 legal in a new building or structure of the same type of construction is prohibited
9 unless the building or structure complies with all applicable provisions of this code.
10 A change from a prohibited use, for which a permit has been granted, to another
11 prohibited use shall be deemed a violation of this code.”

12 (27) Section 118.4 is deleted and the following inserted in lieu thereof:

13 “118.4 Contents of certificate: When a building or structure is entitled thereto, the
14 Code Official shall issue a certificate of use and occupancy. The certificate shall
15 certify compliance with the provisions of this code and the purpose for which the
16 building or structure will be used in its several parts.”

17 (28) Section 121.1 is amended by adding a new sentence at the end of the section. “The
18 request for an appeal shall be in writing.”

19 (29) Section 121.2.1 is deleted and the following inserted in lieu thereof:

20 “121.2.1 Qualifications: Each member shall be a licensed professional engineer or
21 architect; or a builder or superintendent of building construction with at least ten
22 years experience, five of which shall have been in responsible charge of work. Not
23 more than two members shall be from the same profession or occupation, and at least
24 one shall be a professional engineer in structural or civil engineering with

architectural engineering experience.

(30) Section 202.0 is amended by adding:

Home occupation: Any business activity regularly conducted by a resident as an accessory use within the dwelling or an accessory structure not open to the public.

Kitchen: Any area consisting of a sink, refrigerator and stove or any appurtenant appliance used for the principal purpose of preparing daily meals.

Open to the public: A business where the general public is expected or invited on a regular basis.

(31) Section 305.1.1 is deleted and the following inserted in lieu thereof:

“305.1.1 Day care facilities: A day care facility which provides care for more than eight persons more than 2½ years of age for less than 24 hours per day shall be classified as Use Group E.”

(32) Section 308.3.1 is deleted and the following inserted in lieu thereof:

“308.3.1 Child care facility: A child care facility which accommodates more than eight children 2½ years of age or less for any length of time shall be classified as Use Group I-2.”

(33) Section 310.5.1 is deleted and the following inserted in lieu thereof:

“310.5.1 Child care facilities: A child care facility which accommodates eight or less children of any age shall be classified as Use Group R-3. The facility shall comply with all requirements of the Maryland Child Care Administration and the Maryland State Fire Marshal’s Office.”

(34) Section 310.6 is deleted and the following inserted in lieu thereof:

“310.6 Use Group R-4 structures: This use group shall include all detached one or two family dwellings not more than three stories in height, townhouses not more than

three stories in height, and the accessory structures designed and constructed in accordance with Chapter 35 of the BOCA National Building Code, as amended .”

(35) New Section 401.2 is added to read as follows:

“401.2 Coordination of inspections: The Code Official, Fire Prevention Code Official, Health Official and officials of other inspection agencies of the county or state to whom the authority is delegated to inspect buildings and structures with respect to maintenance or safe conditions of use and occupancy shall immediately notify the respective official of any violation of the provisions of this code or of the Maryland State Fire Prevention Code.”

(36) New Section 401.3 is added to read as follows:

“401.3 Inspections: All buildings and structures involving the use and handling of flammable or explosive material and other hazardous uses and occupancies and/or buildings shall be inspected by the Maryland State Fire Marshal's Office and, if deemed necessary, the Harford County Hazardous Materials Team.”

(37) New Section 407.6.1 is added to read as follows:

“407.6.1 Hardware: All doors leading into (or thru rated assemblies) habitable or occupiable areas shall be equipped with an automatic door closure and a positive latching device. There shall be no opening in a garage ceiling which is part of the required fire separation, unless it can be demonstrated that the assembly used is equal to a one (1) hour fire rated assembly.”

(38) New Section 408.3.3.1 is added to read as follows:

“408.3.3.1 Door sills: In Group 1, public garages, all door sills of doors leading into occupiable spaces shall have a sill not less than four (4) inches high or equivalent ramp with a slope not greater than one in ten (1:10) as required in Section 1016.3.”

(39) Section 420.3.1 is deleted and the following inserted in lieu thereof:

“420.3.1 Anchorage and tie downs: Mobile homes shall be anchored in accordance with the “Mobile Home Construction Standards” of Chapter 173 of the Harford County Code.

(40) New Section 420.4 is added to read as follows:

“420.4 Steps/hand rails/landing requirements: All doors required to satisfy means of egress must open onto a landing of minimum dimension three feet by three feet.

(41) Section 421.3 is deleted and the following is inserted in lieu thereof:

“421.3 Permits and construction documents: Swimming pools, as defined in Section 421.2, and appurtenances thereto shall not be constructed, installed, enlarged or altered until construction documents have been submitted to and a permit has been issued by the Code Official.

(42) Section 421.4 is amended by deleting the word “private” before the word “swimming” in the first sentence.

(43) Section 421.6 is amended by adding “in accordance with the Harford County Plumbing Code” at end of the sentence.

(44) Section 421.10.1 is amended by adding “or other equal locking device” at the end of Subparagraph 8.

(45) Section 421.10.1 is further amended by deleting Subparagraph 10 and inserting the following in lieu thereof:

“10. When an above ground pool is installed and the walls of the pool are expected to be used as an approved barrier there shall be no less than 48” from grade to rim of pool and not less than 48” from the bottom of the pool wall measured horizontally to grade. A removable ladder shall not constitute an acceptable alternative to enclosure

requirements.”

(46) New Section 421.10.5 is added as follows:

“421.10.5 Alternative devices: A natural barrier, pool cover or other protective device approved by the Code Official shall be an acceptable enclosure as long as the degree of protection afforded by the substituted device or structure is not less than the protection afforded by the enclosure required by Section 421.10.1.”

(47) Section 705.2 is amended by adding the following sentence to the end of the paragraph before Table 705.2:

“Residential accessory structures may be located as permitted by zoning laws or regulations.”

(48) Section 707.1 is amended by adding the following sentence to the end of the section:

“See Section 503.4 for structures which are proposed to be constructed across lot lines (property lines).”

(49) Section 707.6.2 is amended by deleting Subparagraphs 2 and 5, and substituting the following in lieu thereof:

“2. Except in buildings with approved sprinkler systems, the roof sheathing or deck shall be constructed only of approved noncombustible materials for a distance of 4 feet (1219 mm) on both sides of the wall.

5. Openings in the roof for ventilation shall not be located closer than 2 feet to any properly firestopped fire wall.”

(50) Section 711.5 is amended by adding the following sentence to the end of the section:

“See Section 1406.4 for additions to townhouses and duplex dwellings.”

(51) Section 717.4 is amended by renumbering the referenced section to 720.0.

1 (52) New Section 901.9 is added to read as follows:

2 "901.9 Fire protection and safety: Fire protection and safety practices shall be
3 deemed to include the requirements of the Fire Code of the State of Maryland. The
4 provisions of the Fire Code of the State of Maryland shall govern in all matters in
5 which they are applicable and shall supersede the requirements of this code
6 notwithstanding the provisions of Section 82-1."

7 (53) Section 903.1 is deleted and the following is inserted in lieu thereof:

8 "903.1 Required: Plans shall be submitted to indicate conformance to this code and
9 the Maryland State Fire Prevention Code and shall be reviewed prior to issuance of
10 the requested permit. Since the State Fire Marshal's Office is responsible for the
11 enforcement of the Maryland State Fire Prevention Code, the Department of
12 Inspections, Licenses and Permits shall cooperate with the State Fire Marshal's Office
13 in the enforcement of this Article."

14 (54) Section 907.6.2 is deleted and the following is inserted in lieu thereof:

15 "907.6.2 Cross connection: The potable water supply shall be protected against
16 backflow in accordance with the requirements of the Harford County Plumbing
17 Code."

18 (55) Section 920.3.2 is deleted and the following is inserted in lieu thereof:

19 "920.3.2 Use Groups R-2 and R-3: Smoke detectors shall be installed and
20 maintained in accordance with the Maryland State Fire Prevention Code."

21 (56) Section 920.5 is amended by deleting the last sentence.

22 (57) New Section 920.7 is added to read as follows:

23 "920.7 Renovation or relocation: When a permanent structure or mobile home is
24 renovated or relocated, whether on the same parcel or a different parcel, smoke

detectors shall be installed in accordance with Section 920.3.2 of this code.”

(58) Section 1003.3 is deleted and the following inserted in lieu thereof:

“1003.3 Posted occupant load: Every assembly room or space shall be posted in accordance with the Maryland State Fire Prevention Code.”

(59) Section 1005.5.1 is deleted and the following is inserted in lieu thereof:

“1005.5.1 Screen porches: Porches and decks which are enclosed with insect screening shall be provided with guards in accordance with Section 1021.2.”

(60) Section 1005.6 is amended by adding after the first sentence a new sentence as follows:

“Refer to Section 1016.0 Ramps and Chapter 11, Accessibility, for construction requirements.”

(61) New Section 1010.3.1 is added to read as follows:

“1010.3.1 Enclosed areas: Enclosed areas shall have an approved type exit-door. Overhead doors are not considered as an approved exit.”

(62) Section 1010.4 is amended by adding “or 906.2.3” at the end of the sentence in Exception 3.

(63) Section 1014.6, Exception 8 is deleted and the following is inserted in lieu thereof:

“8. In occupancies in Use Group R-3, R-4 within dwelling units in occupancies in Use Group R-2 and in occupancies in Use Group U which are accessory to an occupancy in Use Group R, the maximum riser height shall be 8-1/4 inches (210 mm) and the minimum tread depth shall be 9 inches (229 mm). A nosing not less than 3/4 inches (19 mm) but not more than 1-1/4 inches (32 mm) shall be provided on stairways with solid risers with the tread depth of less than 11 inches (279 mm).

(64) Section 1014.10 is amended by adding the following sentences to the end of the section:

“Stairs and landings of a required exterior exit shall be constructed of approved solid materials. Open grid type landings and treads are not acceptable.”

(65) Section 1014.12 is amended by adding the following:

“Exception: Exit stairs need not be protected from snow and ice if it can be satisfactorily demonstrated to the Building Official that they are to be used for other than as emergency exits and will be adequately cleared of ice and snow on a regular basis.”

(66) Exception 2 of Section 1021.2 is deleted and the following is inserted in lieu thereof:

“2. Guards along open-sided decks, floor areas, mezzanines and landings located more than 30 inches above the floor or grade of structures in Use Group R-3 shall not be less than 36 inches in height.”

(67) The existing provisions of Chapter 11 are deleted and the following is inserted in lieu thereof:

“All buildings and structures required to be accessible by this code and the Maryland Accessibility Code shall comply with the requirements of the Maryland Accessibility Code promulgated pursuant to COMAR 05.02.02.”

(68) New Section 1205.3 is added to read as follows:

“1205.3 Windowless toilet rooms: A mechanical exhaust fan shall be provided in all windowless toilet rooms and vented to the outside air or other approved method.”

(69) Section 1210.2.1 is amended by deleting the last sentence and inserting in lieu thereof the following:

1 “Where an approved vapor barrier is installed over the ground surface, the required net area
2 of opening may be reduced to ten percent (10%) of the above and shall have operable
3 louvers.”

4 (70) New Section 1210.2.2 is added to read as follows:

5 “1210.2.2 Crawl space/basement: When a crawl space is connected to a basement
6 not less than two remotely located vents into the basement area shall be provided.
7 The area of the openings shall be calculated as required by Section 1210.2.1.”

8 (71) Section 1405.8 is deleted and the following is inserted in lieu thereof:

9 “1405.8 Exterior insulation and finish systems (EIFS): Special inspections shall be
10 required for all EIFS applications in accordance with Section 1705.13 of this code.”

11 (72) Section 1406.4 is amended by adding exception 3 to read as follows:

12 “3. Open balconies, decks, porches or similar appendages attached to townhouses
13 and constructed with combustible materials shall not be located closer than 24 inches
14 to any property line.”

15 (73) New Section 1407.0 is added to read as follows:

16 “1407.0 Gutters and leaders: Gutters and leaders (downspouts) shall be provided on
17 all buildings and structures where necessary to collect and control roof drainage and
18 shall be of non-combustible material, except Type 4 and 5 construction may be of
19 combustible material.

20 Rain leaders (downspouts) shall not discharge closer than ten (10) feet from any lot
21 line so as not to be a nuisance to surrounding property.

22 Exception: Discharge within 10 feet of any lot line may be permitted where adequate
23 dedicated swales are provided to carry off discharge to a proper discharge area.”

(74) Section 1504.1 is amended by adding the following at the end of the section:

“Non-corrosive drip edging shall be provided on all new or replacement roofs.”

(75) Section 1607.3 is amended by adding the following at the end of the first sentence after the word “Chapter 35”: “but in no case less than 30 pounds per square foot or the snow load, whichever is greater. Where superimposed loads are expected, special engineering may be required. In buildings of Use Group U, not having human occupancy, the roof may be designed for a minimum live load of 20 pounds per square foot. Live load reduction shall not be permitted.”

(76) New Section 1608.9 is added to read as follows:

“1608.9 Reductions: Live load reductions allowed by Section 1608.0 shall not apply to roofs.”

(77) New Section 1614.6 is added to read as follows:

“1614.6 Change of use: The owner shall have a structural analysis of the existing building made to determine adequacy of all structural systems for the proposed alteration, addition or change of occupancy. The existing building shall be capable of supporting the minimum intended loads. The analysis shall be made by a structural engineer licensed in the State of Maryland and shall bear the signature and seal of said engineer.”

(78) Section 1705.1 is deleted and the following is inserted in lieu thereof:

“1705.1 General. The building owner shall provide special inspections as determined necessary by the Building Official or his designated representative. The special inspectors which shall be provided by the owner, shall be qualified and approved for the inspections of the work described on the permit.”

(79) Section 1802.1 is deleted and the following inserted in lieu thereof:

“1802.1 Foundation investigations: All applications for permits for the construction of new buildings or structures and/or of the alteration of a permanent structure which require changes in foundation loads or distribution shall be accompanied by certification of adequate capacity and a statement describing the soil in the ultimate bearing strata including sufficient records and data to establish its character, nature and load-bearing capacity. Such records shall be certified by a licensed professional engineer or a licensed architect upon confirmation of a geotechnical engineer. One and two family dwellings as described in Sections 310.4 and 310.5, Use Group R-3 and R-4 structures, are exempt unless deemed necessary by the Building Official.”

(80) Section 1806.1 is amended by adding the following sentence to the end of the section:

“The minimum depth below finish grade for all footings shall be thirty (30) inches.”

(81) New Section 1808.2.1 is added to read as follows:

“1808.2.1 Footing size and depth: Poles shall be set on footings not less than sixteen (16) inches in diameter and twelve (12) inches thick. The footing depth shall be no less than one third the height of the structure but in no case less than thirty (30) inches (Section 1806.1), whichever is greater.”

(82) Section 1810.3.1 is deleted and the following inserted in lieu thereof:

“1810.3.1 Plain concrete: In plain concrete footings, the edge thickness shall not be less than eight (8) inches for footings on soil and shall extend at least four (4) inches on either side of the supported wall.”

(83) Section 1813.5.2 is deleted and the following inserted in lieu thereof:

“1813.5.2 Foundation drain:

1. Such foundation drains may be positioned inside or outside of the footing, and shall be of perforated, or open joint approved drain tile or pipe not less than three (3) inches in diameter, and be laid on not less than two (2) inches of gravel, slag, crushed rock or other approved porous material with a minimum of six (6) inches surrounding the pipe on all sides. The top of the drain shall be covered with an approved filter membrane material if installed on the outside.

Foundation drains shall be piped to a storm drain, to an approved water course, to the front street curb or gutter, or to the alley or the discharge from the foundation drains shall be piped to the alley or other approved course. Where a continuous flowing spring or groundwater is encountered, subsoil drains shall be piped to a storm drain or an approved water course.

2. Where it is not possible to convey the drainage by gravity, foundation drains shall discharge to an accessible sump pit provided with an approved automatic electric pump. The sump pit shall be at least fifteen (15) inches in diameter, eighteen (18) inches in depth, and provided with a fitted cover. The sump pump shall have an adequate capacity to discharge all water coming into the sump as it accumulates to the required discharge point, and in no event shall the capacity of the pump be less than fifteen (15) gallons a minute. The discharge from the pump shall be a minimum of one and one-fourth (1¼) inches and have a check valve and a union in the discharge piping to make the pump accessible for servicing.

3. For separate dwellings where the foundation drains are not serving continuous flowing springs or groundwater, the sump pump shall discharge

on to a splash block with a minimum length of twenty-four (24) inches. This discharge pipe shall be within the recessed line of the splash block.

4. Foundation drains subject to back flow when discharging into a storm drain shall be provided with a backwater valve in the drain line so located as to be accessible for inspection and maintenance.

5. Nothing in this regulation shall prevent the discharge of drains serving foundation drains or areaways of a detached building which do not serve continuous flowing springs or groundwater from discharging to a properly graded open area provided the point of discharge is at least ten (10) feet from any property line.

Exception: The above requirement need not be met where adequate dedicated swales or easements are provided to carry off drainage to a proper discharge area and discharge is within the dedicated swale or easement. Discharge shall not be into county roadways or county storm drains.

6. Window areaways shall be drained through a pipe adequate to accommodate the water collected and may discharge into the approved subsoil drain system.

Exception: The above requirement need not be met in one and two family dwellings where window wells are less than ten square feet in area.”

(84) New Section 1825.2.1 is added to read as follows:

“1825.2.1 Certification: The design for a retaining wall in excess of forty eight (48) inches above finished grade at any point shall be designed and sealed by an engineer licensed in the State of Maryland and shall bear the signature and seal of said engineer.”

(85) Section 1825.5 is deleted and the following inserted in lieu thereof:

“1825.5 Guards: Where retaining walls or areaways with a difference in grade level on either side of the wall is greater than forty eight (48) inches a guard rail or other approved barrier shall be constructed in accordance with Section 1021.0.”

(86) New Section 1825.6 is added to read as follows:

“1825.6 Areaway walls: Masonry units used in the construction of areaway walls shall be waterproofed in accordance with Section 1813.0 and shall be anchored securely to the basement or foundation wall.”

(87) New Section 2119.0 containing new subsections 2119.1, 2119.2 AND 2119.3 is added to read as follows:

“Section 2119.0 Factory built fire places, chimneys and stoves

2119.1 General: The provisions of this section shall apply to all factory built fireplaces, chimneys and stoves.

2119.2 Permits: A building permit is required when a structural change is necessitated by the installation of a factory-built fireplace, chimney or stove.

2119.3 Installation: Factory-built fireplaces that consist of a fire chamber assembly, one (1) or more chimney sections, a roof assembly and other parts as tested and listed as an assembly by an approved agency, may be installed when complying with all of the following provisions:

(1) The fire chamber assembly is installed to provide clearance to combustible materials not less than set forth in the listing.

(2) The chimney sections are installed to provide clearance to combustible material not less than specified in the listing and if the fireplace chimney extends through floors and ceilings, factory-furnished fire stops or fire-stop

1 spacers shall be installed. Portions of chimneys which extend through rooms
2 or closets are to be enclosed to avoid personal contact or contact of
3 combustible material, and damage to the chimney.

4 (3) Hearth extensions shall not be less than three-eighths (3/8) inch thick cement
5 board, hollow metal, stone, tile or other approved non-combustible material.
6 Such hearth extensions may be placed on combustible subflooring or finished
7 flooring. The hearth extension shall be readily distinguished from the
8 surrounding floor.

9 (4) Hearth extensions shall not be less than sixteen (16) inches in front of and at
10 least eight (8) inches beyond both sides of the fireplace opening.

11 (5) Factory-built fireplaces shall be installed in accordance with the requirements
12 of their listing and the manufacturer's instructions.

13 (6) Factory-built fireplace stoves consisting of a freestanding fire chamber
14 assembly that have been tested and are listed by a nationally recognized
15 testing laboratory shall be installed in accordance with the requirements of
16 their listing and the manufacturer's instructions.”

17 (88) New Section 2203.4.1 is added to read as follows:

18 “2203.4.1 Certification: Steel erected structures shall be certified as required by
19 Section 1705.3.”

20 (89) New Section 2305.17.1 is added to read as follows:

21 “2305.17.1 Sill sealer: An approved sill sealer shall be installed under sill plates in
22 all structures with conditioned air spaces.”

23 (90) New Section 2312.5 is added to read as follows:

24 “2312.5 Metal hangers: Metal hangers used in exterior frame construction shall be

1 fastened with non-corrosive nails, screws, bolts or other devices compatible with the
2 hangers.”

- 3 (91) Chapter 27, Electric wiring, equipment and systems is deleted in its entirety and the
4 following inserted in lieu thereof:

5 “Section 2701.0 General

6 2701.1 Scope: Electrical installations shall be performed in accordance with the
7 requirements of the Harford County Electrical Code and shall be as set forth in the
8 Harford County Code, Chapter 105.”

- 9 (92) Chapter 29, Plumbing systems, is deleted in its entirety and the following inserted in
10 lieu thereof:

11 “Section 2901.0 General

12 2901.1 Scope: Plumbing installations shall be performed in accordance with the
13 requirements of the Harford County Plumbing Code and shall be as set forth in the
14 Harford County Code, Chapter 202.”

- 15 (93) New Section 3001.3.1 is added to read as follows:

16 “3001.3.1 State elevator code: Wherever the Maryland State Elevator Code applies
17 it shall supersede this chapter notwithstanding the provisions of Section 82-1.”

- 18 (94) Section 3102.0 Signs is deleted in its entirety and the following inserted in lieu
19 thereof:

20 “Section 3102.0 Signs

21 3102.1: Signs shall be permitted only as provided for in Chapter 219 of the Harford
22 County Code.

23 3102.2 General requirements: All signs shall be designed and constructed to comply
24 with the provisions of this code with respect to all applicable loads, such as winds,

1 earthquake and snow. Anchorage and structural loads applied to the structure on
2 which the sign may be attached shall be certified as required in Section 3102.3.

3 3102.3 Plans: Sealed construction documents shall be required for all signs attached
4 to structures required to meet the requirements set-forth in Section 3102.1.”

5 (95) Section 3104.1.1 is deleted and the following inserted in lieu thereof:

6 “3104.1.1 Permits: A special temporary building permit shall not be required for the
7 installation or erection of tents, air-supported structures or other temporary structures
8 with an occupancy rating of fifty (50) persons or fewer, or with a gross floor area of
9 less than three hundred fifty (350) square feet. A property owner may, however, at
10 his or her option, apply for a special temporary permit for the installation or erection
11 of tents, air-supported structures or other temporary structures with an occupancy
12 rating of fifty (50) persons or more or with a gross floor area of more than three
13 hundred fifty (350) square feet. No tent, air-supported structure or other temporary
14 structure shall be installed or erected for a period of more than ninety (90) days.

15 (96) New Section 3308.2 is added to read as follows:

16 “3308.2 Existing drainage nuisance: Any surface or roof drainage which is collected
17 by man-made means on a property shall not be channeled on to the property of
18 another. Any channeling or collection of water must be dissipated and dispersed on
19 the collecting property so as to not cause damage to the property of another. Sump
20 pumps and drainspouts shall not be discharged closer than ten (10) feet to the
21 property line. Discharge shall not be into county roadways or storm drains.”

22 (97) New Section 3316.0 is added to read as follows:

23 “3316.0 Housekeeping: Rubbish and trash shall not be allowed to accumulate on
24 construction sites and shall be removed as soon as conditions warrant. Combustible

1 rubbish shall be removed promptly and shall not be disposed of by burning on the
2 premises or in the immediate vicinity. The entire premises and area adjoining and
3 around the operation shall be kept in a safe and sanitary condition and be kept free of
4 accumulation of trash, rubbish, nuts, bolts, small tools and other equipment.

- 5 (98) New Section 3317.0 containing new Subsections 3317.1 and 3317.2 is added to read
6 as follows:

7 “3317.0 Driveways

8 3317.1 Driveway aprons and driveways: Driveways and aprons on public ways shall
9 extend from street or alley pavements to the property lines, and shall be constructed
10 in accordance with the provisions of the standard specifications as required by the
11 Department of Public Works.

12 3317.2 Driveway off public way: Driveways off public ways shall be constructed in
13 accordance with the “Driveway Standard For Driveway/Walkways Off Public Ways”
14 as prepared by the Department of Inspections, Licenses and Permits.”

- 15 (99) Section 3408.0, Compliance alternatives, is deleted in its entirety and the following
16 inserted in lieu thereof:

17 “3408.0 Compliance alternatives

18 3408.1 Change in use group: Where an existing building is changed to a new use
19 group classification and this section is applicable, the provisions of this section for
20 the new use group shall be used to determine compliance with this code.

21 3408.2 Part change in use group: Where a portion of the building is changed to a
22 new use group classification and that portion is separated from the remainder of the
23 building with fire separation assemblies having a fire resistance rating as required by
24 Table 313.1.2 for the separate use groups (or with approved compliance alternatives)

1 the portion changed shall be made to conform to the provisions of this section.

2 Where a portion of the building is changed to a new use group classification and that
3 portion is not separated from the remainder of the building with fire separation
4 assemblies having a fire-resistance rating as required by Table 313.1.2 for the
5 separate use groups (or with approved compliance alternatives) the provisions of this
6 section which apply to each use group shall apply to the entire building. Where there
7 are conflicting provisions, those requirements which secure the greater public safety
8 shall apply to the entire building or structure.

9 3408.3 Additions: Additions to existing buildings shall comply with all of the
10 requirements of this code for new construction. The combined height and area of the
11 existing building and the new addition shall not exceed the height and area allowed
12 by Section 503.0. Where a fire wall that complies with Section 707.0 is provided
13 between the addition and the existing building, the addition shall be considered a
14 separate building.

15 3408.4 Alterations and repairs: An existing building or portion thereof which does
16 not comply with the requirements of this code for new construction shall not be
17 altered or repaired in such a manner that results in the building being less safe or
18 sanitary than the building is currently. If, in the alteration or repair, the current level
19 of safety or sanitation is to be reduced, the portion altered or repaired shall conform
20 to the requirements of Chapters 2 through 33 of this code.

21 3408.5 Fire damage: The owner of any building or structure which sustains
22 structural damage due to fire or other damage shall obtain a building permit and if
23 deemed necessary by the Code Official shall submit construction documents
24 accurately depicting the repairs necessary to satisfy the requirements of this code and

any other applicable codes as set forth in Section 3408.4.

3408.6 Accessibility requirements: All existing buildings for which a change in use is proposed shall comply with the provisions of Chapter 11.

3408.7 Hazards: Where the Code Official determines that an unsafe condition exists, as provided for in Section 119.0 of this code, such unsafe condition shall be abated in accordance with Section 119.0.

§ 82-3. Status of building permits applied prior to effective date of this Article.

This Article shall not apply to buildings for which a valid building permit was applied for prior to the effective date of this article.

ARTICLE II. CABO One and Two Family Dwelling Code

§ 82-4. Adoption of CABO One and Two Family Dwelling Code by reference.

The “CABO One and Two Family Dwelling Code, 1995 Edition second printing,” as published by the Council of American Building Officials is hereby adopted by reference thereto and made a part of this chapter with the same force and effect as though set out in full herein, save and except such changes, amendments, revisions, deletions, substitutions and/or additions as are specified in this chapter. If conflicts with this code, or the changes, amendments, revisions, deletions, substitutions and/or additions to this code are found elsewhere in the County Code, the more restrictive provisions shall govern.

At least one copy of this code and supplements thereto shall be on file and open for public use, examination and inspection in the office of the Director of Administration and in the office of the Council Administrator.

§ 82-5. Modifications.

A. The following sections and/or chapters of the CABO Code are hereby deleted:

Sections:

1	105	Entry
2	106	Violations and penalties
3	107	Right of appeal
4	110	Liability
5	112	Plans
6	116	Inspections card
7	118	Stop work orders
8	324	Protection against radon
9	405.1	Exception only
10	Chapters:	
11	11	Mechanical administration
12	14	Heating and cooling
13	15	Electric resistance heat
14	16	Vented floor, wall heaters
15	19	Duct systems
16	20	Combustion air
17	22	Special fuel burning
18	23	Boiler/water heaters
19	24	Refrigeration
20	25	Hydronic piping
21	26	Fuel gas piping
22	27	Special piping
23	28	Solar systems
24	29	Plumbing administration

- 1 30 Plumbing definitions
- 2 31 General plumbing
- 3 32 Plumbing fixtures
- 4 33 Water heaters
- 5 34 Water supply
- 6 35 Sanitary drainage
- 7 36 Vents
- 8 37 Traps
- 9 38 Private sewage disposal
- 10 39 General requirements
- 11 40 Electrical definitions
- 12 41 Services
- 13 42 Branch circuits
- 14 43 Wiring methods
- 15 44 Power and lighting
- 16 45 Devices and lighting fixtures
- 17 46 Appliance installation
- 18 Appendix A Manufactured housing
- 19 Appendix B Engineering procedure for sizing plumbing vents
- 20 Appendix C Detailed procedure for sizing the building water supply
- 21 Appendix F Radon control methods
- 22 CABO electrical provisions/NEC cross-reference table
- 23 B. The following sections are changes or additions to certain sections of the CABO Code:
- 24 (1) Section 111.3 is deleted and referred to Section 108 of BOCA as amended.

- (2) Section 111.3.1 is deleted. Section 108 of BOCA as amended applies.
- (3) Section 111.3.2 is deleted. Section 108 of BOCA as amended applies.
- (4) Section 113.1.1 is deleted and the following is inserted in lieu thereof:
- “113.1.1. Footing inspection. Commonly performed after the excavation for footings and piers including forms and re-bars, if required, are in place and prior to placement of concrete. The inspection shall include excavation for thickened slabs intended for the support of bearing walls, partitions, structural supports or equipment.”
- (5) Section 113.1.2 is deleted and the following is inserted in lieu thereof:
- “113.1.2 Foundation inspection. Commonly performed after construction of the foundation walls, installation of dampproofing, waterproofing and drain tile, but prior to backfill.”
- (6) Section 113.1.4 is deleted and the following is inserted in lieu thereof:
- “113.1.4 Insulation inspection. Commonly performed after the installation of insulation in the walls, floors and ceilings prior to any concealment.”
- (7) Section 114.1 is amended by deleting the second paragraph beginning with “note” and ending with “jurisdiction”.
- (8) Section 202 is amended by adding:
- “Kitchen: Any area consisting of a sink, refrigerator and stove or any other appurtenant appliance used for the principal purpose of preparing daily meals.
- Townhouse condominium: Same as townhouse but without property lines.”
- (9) Table 301.2a is amended by inserting the following information therein:
- “Roof snow load: 30 psf.
- Wind pressure: 12.5 psf.
- Seismic condition: 0-1

Subject to damage:

Weathering: severe frost line depth: 30 inches

Termite: moderate to heavy

Decay: slight

Heating design: 10-15 degrees

Radon resistant: no"

(10) Table 301.2a is amended by deleting Footnote 5.

(11) Table 301.4 is amended by changing "40" to "60" in the second line after the word "decks".

(12) Section 301.5 is deleted and the following inserted in lieu thereof:

"301.5 Minimum roof loads. Ordinary roofs, either flat or pitched, shall be designed for a minimum live load of thirty (30) pounds per square foot or the snow load, whichever is greater. Where superimposed loads are anticipated, special engineering may be required. Live load reductions where indicated elsewhere in the code shall not be permitted."

(13) New Section 301.7 is added to read as follows:

"301.7 Flood resistant construction. All dwellings and accessory structures erected in areas subject to flooding, as determined by the Department of Planning and Zoning, shall be constructed in accordance with Section 3107 of the 1996 BOCA Code."

(14) Section 309.1 is amended as follows:

309.1 Opening protection. Opening from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with a self-closing device and shall be either solid wood

doors not less than 1-3/8 inch (35mm) in thickness or 20-minute fire-rated doors.

(15) Section 309.2 is amended by changing the "1/2-inch" to "5/8-inch fire code" in the second line after the word "minimum".

(16) Section 314.2 is amended by changing the "7-3/4 inch" to "8-1/4 inch" in the second line after the word "be" and the "10" to "9" in the third line after the word "be".

(17) New Section 315.3.1 is added to read as follows:

"315.3.1 Areaway guards. Where retaining walls or areaways with a difference in grade level on either side of the wall is greater than forty eight (48) inches, a guardrail or other approved barrier shall be constructed in accordance with Section 315.3."

(18) Section 316.1 is amended as follows:

"316.1 Smoke detectors required. Smoke detectors shall be installed and maintained in accordance with the Maryland State Fire Prevention Code."

(19) Section 320.2 is amended by deleting the exception and adding in lieu thereof the following:

"Exception: A common 2 hour party wall is permitted for townhouses as defined by Section 702 of the 1996 BOCA Code as amended and built in accordance with Section 707 of the 1996 BOCA Code as amended. Plumbing and mechanical equipment are not permitted in this wall. Electrical installations are limited to approved outlet boxes installed in accordance with their listings. Electrical boxes shall not exceed 16 square inches in area. The aggregate surface area of all boxes shall not exceed 100 square inches for any 100 square feet of wall area. Boxes on opposite sides of a wall shall not be closer than 24 inches."

(20) Figure 403.1a Note 5 is deleted and the following inserted in lieu thereof:

1 “5. The sill plate or floor system shall be anchored to the foundation with ½ inch
2 diameter bolts, or other approved device installed in accordance with their
3 manufacturers instructions. Anchor bolts shall be placed 6 feet on center and not
4 more than 12 inches from the corners. Bolts shall extend a minimum of 7 inches into
5 masonry or 7 inches into poured in place concrete. Sill plates shall be protected
6 against decay and termite infestation where required by Section 322.

7 (21) Table 404.1.1a is amended by changing “6” to “7” in the first line, third block.

8 (22) Section 405.1 is amended by deleting the exception at the end of the section.

9 (23) Section 405.2.3 is deleted and the following inserted in lieu thereof:

10 “405.2.3 Drainage system. Where it is not possible to convey the drainage by
11 gravity, foundation drains shall discharge to an accessible sump pit provided with an
12 approved automatic pump. The sump pit shall be at least fifteen (15) inches in
13 diameter, eighteen (18) inches in depth. The pump shall have an adequate capacity to
14 discharge all water coming into the sump pit as it accumulates to the required
15 discharge point, and in no event shall the capacity of the pump be less than fifteen
16 (15) gallons a minute. The discharge from the pump shall be a minimum of one and
17 a fourth (1-1/4) inches and have a check valve and a union in the piping to make the
18 pump accessible for servicing.”

19 (24) New Section 405.2.4 is added to read as follows:

20 “405.2.4 Splash blocks. Where sump pumps discharge to the outside, a splash
21 block shall be provided to direct the flow away from the foundation.”

22 (25) New Section 405.2.5 is added to read as follows:

23 “405.2.5 Nothing in this regulation shall prevent the discharge of drains serving
24 foundation drains or areaways of a dwelling from discharging to a properly graded

1 open area provided the point of discharge is at least ten (10) feet from any lot line.

2 Exception: The above requirements need not be met where adequate dedicated
3 swales or easements are provided to carry off the drainage to a proper discharge area
4 and discharge is within the dedicated swale or easements. Discharge shall not be into
5 county roadways or county storm drains.”

6 (26) New Section 405.2.6 is added to read as follows:

7 “405.2.6 Areaway drains. Areaways shall be provided with a floor drain which
8 empties into the sump pump pit with solid wall pipe not less than 2 inches in
9 diameter or some other approved method.”

10 (27) Section 505.2.2 is amended by deleting the exception at the end of the section.

11 (28) Table 502.3.1c is amended by inserting the following information:

1

	Size	Normal Duration	Design Value in Bending "Fb" Snow Loading	7-Day Loading	Modules of Elasticity "E"	Grading Rules Agency
(For Douglas Fir-South: Add 2 x 10 and 2 x 12)						
Select Structural	2" x 10"	1,645	1,890	2,055	1,400,000	
No. 1		1,140	1,310	1,425	1,300,000	
No. 2		1,045	1,200	1,305	1,200,000	
No. 3		600	690	750	1,100,000	
Select Structural	2" x 12"	1,495	1,720	1,370	1,400,000	
No. 1		1,035	1,190	1,295	1,300,000	
No. 2		950	1,090	1,185	1,200,000	
No. 3		545	630	685	1,100,000	
(Eastern Hemlock-Tamarack: Add 2 x 4 through 2 x 12)						
Select Structural	2" x 4"	2,155	2,480	2,695	1,200,000	
No. 1		1,335	1,535	1,670	1,100,000	
No. 2		990	1,140	1,240	1,100,000	
No. 3		605	695	755	900,000	
Stud		570	655	710	900,000	
Construction		775	895	970	1,000,000	
Standard		430	495	540	900,000	
Utility		200	230	250	800,000	Northeastern Lumber Manufacturers Association
Select Structural	2" x 6"	1,870	2,150	2,335	1,200,000	
No. 1		1,160	1,330	1,450	1,100,000	
No. 2		860	990	1,075	1,100,000	
No. 3		525	600	655	900,000	Northern Softwood Lumber Bureau
Stud		520	595	645	900,000	
Select Structural	2" x 8"	1,725	1,985	2,155	1,200,000	
No. 1		1,070	1,230	1,335	1,100,000	
No. 2		795	915	990	1,100,000	
No. 3		485	555	605	900,000	
Select Structural	2" x 10"	1,580	1,820	1,975	1,200,000	(See Notes 1 and 2)
No. 1		980	1,125	1,225	1,100,000	
No. 2		725	835	910	1,100,000	
No. 3		445	510	555	900,000	
Select Structural	2" x 12"	1,440	1,655	1,795	1,200,000	
No. 1		890	1,025	1,115	1,100,000	
No. 2		660	760	825	1,100,000	
No. 3		405	465	505	900,000	

2

(29) Section 702.5 is deleted and the following inserted in lieu thereof:

“Section 702.5 Other finishes: Wood veneer or hardboard paneling not less than 1/4 inch nominal thickness shall conform to HPMA (ANSI) HP for wood veneer and AHA (ANSI) A135.5 for hardboard paneling. These finishes may be installed directly to studs with maximum 16 inches on center spacing; wood veneer or hardboard paneling less than 1/4 inch nominal thickness must not have less than 3/8 inch gypsum board backer, unless the qualifying tests were made with the material suspended from noncombustible backing, and stud spacing may not exceed 16 inches on center.”

(30) Section 702.6 is amended by striking the entire text after the word “shingles” in the third line.

(31) New Section 703.9 is added to read as follows:

“703.9 Exterior insulation and finish systems (EIFS). Special inspections shall be required for all EIFS applications in accordance with Section 1705.13 of the 1996 BOCA Code.”

(32) Section 801.3 is deleted and the following inserted in lieu thereof:

“801.3 Gutters and leaders. Gutters and leaders (downspouts) shall be provided on all buildings and structures to collect and control roof drainage. Rain leaders shall not discharge closer than ten (10) feet from any lot line so as not to be a nuisance to surrounding properties.

Exception: Discharge within 10 feet of any lot line may be permitted where adequate dedicated swales are provided to carry off discharge to a proper discharge area.”

(33) New Section 806.4 is added as follows:

“806.4 Roof openings. Openings in the roof for ventilation shall not be located

1 closer than two (2) feet to any property firestopped fire wall/party wall.”

2 (34) New Section 908.2.1 is added as follows:

3 “908.2.1 Structures closer than thirty (30) feet from roof edge to roof edge shall
4 have fire retardant wood shingles or shakes.”

5 (35) Section 1202, General mechanical definitions, the definition of “Conditioned space.”
6 to be deleted and the following is inserted in lieu thereof:

7 “Conditioned space. The space conditioned within an insulated building enclosure
8 which is conditioned directly or indirectly by heating or cooling systems.”

9 (36) Chapter 13 is deleted and the following inserted in lieu thereof:

10 “Chapter 13 General mechanical

11 1301.1 Scope. The provisions of the Maryland State Mechanical Code shall govern
12 the installation of heating, cooling and general household appliances not specifically
13 covered in other chapters of this code applicable to mechanical systems.

14 1301.2 Equipment. All equipment used in the installation of mechanical systems
15 shall be listed and bear the label of an approved agency or shall be approved by the
16 Building Official for safe use.”

17 (37) Chapter 18 is deleted and the following inserted in lieu thereof:

18 “Chapter 18 Dryer vents

19 Section 1801 Clothes dryer exhaust.

20 1801.1 Dryer vent systems shall be independent of all other systems and shall
21 convey the moisture to the outdoors. Vents shall be equipped with a backdraft
22 damper. Vents shall be constructed of rigid metal ducts having smooth interior
23 surfaces with joints running in the direction of air flow. If approved flexible duct
24 connectors are used, they shall not be concealed within the construction. Length of

ducts shall be in accordance with the dryer's listing and/or the duct's listing."

(38) Table 2104.3.2a. Footnote 4 is deleted and the following is inserted in lieu thereof:

"When more than two appliances are connected to a common vent, and at least one of the common vented appliances is a fan assisted type, the common vent must have a maximum capacity to accommodate all the common vented appliances, and have a minimum capacity lower than that of the smallest fan assisted appliance."

§ 82-6. Saving clause.

Nothing in this chapter hereby adopted shall be construed to affect any suit or proceedings impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed, nor shall any just or legal right or remedy of any character be lost, impaired or effected by this ordinance.]

ARTICLE I. 2000 INTERNATIONAL BUILDING CODE

§ 82-1. ADOPTION OF 2000 INTERNATIONAL BUILDING CODE BY REFERENCE.

A. THE 2000 INTERNATIONAL BUILDING CODE (HEREINAFTER REFERRED TO AS THE BUILDING CODE, OR CODE) PUBLISHED BY THE INTERNATIONAL CODE COUNCIL, INC., IS HEREBY ADOPTED AND BY REFERENCE THERETO IS MADE A PART OF THIS CHAPTER WITH THE SAME FORCE AND EFFECT AS THOUGH SET OUT IN FULL HEREIN, SAVE AND EXCEPT SUCH CHANGES, AMENDMENTS, REVISIONS, DELETIONS, SUBSECTIONS AND/OR ADDITIONS AS ARE SPECIFIED IN THIS CHAPTER. IF CONFLICTS WITH THIS CODE, OR WITH CHANGES, AMENDMENTS, REVISIONS, DELETIONS, SUBSECTIONS, AND/OR ADDITIONS TO THAT CODE ARE FOUND ELSEWHERE IN THE COUNTY CODE, THE MOST RESTRICTIVE PROVISIONS SHALL GOVERN.

B. AT LEAST ONE COPY OF THIS CODE AND SUPPLEMENTS THERETO SHALL BE ON FILE AND OPEN FOR PUBLIC USE, EXAMINATION AND INSPECTION IN THE OFFICE OF THE DIRECTOR OF ADMINISTRATION AND IN THE OFFICE OF THE COUNCIL ADMINISTRATOR.

§ 82-2. MODIFICATIONS.

A. DEFINITIONS.

(1) AS USED IN THIS CODE, THE TERM "BOARD OF APPEALS" MEANS THE BUILDING BOARD OF APPEALS AS ESTABLISHED UNDER THE PROVISIONS OF APPENDIX B.

~~(4)~~ (2) AS USED IN THIS CODE, THE TERM "BUILDING OFFICIAL" MEANS THE DIRECTOR OF THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

~~(2)~~ (3) AS USED IN THIS CODE, THE TERM "DEPARTMENT OF BUILDING SAFETY" MEANS THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS.

(4) AS USED IN THIS CODE, THE TERM "HARFORD COUNTY HAZARDOUS MATERIALS TEAM" MEANS THE HARFORD COUNTY HAZARDOUS MATERIALS TEAM AS CREATED BY THE HARFORD COUNTY DIVISION OF EMERGENCY OPERATIONS.

~~(3)~~ (5) AS USED IN THIS CODE, THE TERM "ICC ELECTRICAL CODE" MEANS THE HARFORD COUNTY ELECTRICAL CODE, CHAPTER 105 (ARTICLE I, SECTION 105-3, ET SEQ.) OF THE HARFORD COUNTY CODE.

~~(4)~~ (6) AS USED IN THIS CODE, THE TERM "INTERNATIONAL FUEL GAS CODE" MEANS THE HARFORD COUNTY PLUMBING CODE, CHAPTER 202 (SECTION 202-1, ET SEQ.) OF THE HARFORD COUNTY CODE.

~~(5)~~ (7) AS USED IN THIS CODE, THE TERM "INTERNATIONAL PLUMBING

CODE” MEANS THE HARFORD COUNTY PLUMBING CODE, CHAPTER 202 (SECTION 202-1, ET SEQ.) OF THE HARFORD COUNTY CODE.

(6) (8) AS USED IN THIS CODE, THE TERM “ICC/ANSI A117.1” MEANS THE MARYLAND ACCESSIBILITY CODE SET FORTH IN CODE OF MARYLAND REGULATIONS, TITLE 5, SUBTITLE 05.02.02.

B. THE FOLLOWING SECTIONS ARE CHANGES OR ADDITIONS TO CERTAIN SECTIONS OF THE CODE.

(1) SUBSECTION 101.1 IS HEREBY AMENDED BY SUBSTITUTING “HARFORD COUNTY” FOR “[NAME OF JURISDICTION]” IN THE SECOND LINE.

(2) SUBSECTION 101.2.1 IS DELETED AND THE FOLLOWING IS INSERTED IN LIEU THEREOF:

“101.2.1 APPENDICES. PROVISIONS IN APPENDIX B, BOARD OF APPEALS; APPENDIX C, GROUP U – AGRICULTURAL BUILDINGS; APPENDIX F, RODENT PROOFING; APPENDIX H, SIGN; AND APPENDIX I, PATIO COVERS, ARE ADOPTED AS PART OF THE HARFORD COUNTY BUILDING CODE.”

(3) SUBSECTION 101.4.1 IS DELETED.

(4) SUBSECTION 101.4.2 IS DELETED.

(5) SUBSECTION 101.4.4 IS DELETED.

(6) SUBSECTION 101.4.5 IS DELETED.

(7) SUBSECTION 102.6 IS AMENDED BY DELETING “THE INTERNATIONAL PROPERTY MAINTENANCE CODE” STARTING IN THE FOURTH LINE.

(8) SUBSECTION 103.3 IS AMENDED BY DELETING THE LAST SENTENCE: “FOR THE MAINTENANCE OF EXISTING PROPERTIES, SEE THE

INTERNATIONAL PROPERTY MAINTENANCE CODE.”

(9) NEW SUBSECTION 104.1.1 IS ADDED AS FOLLOWS:

“104.1.1 RULE MAKING AUTHORITY. THE BUILDING OFFICIAL SHALL HAVE AUTHORITY AS NECESSARY IN THE INTEREST OF PUBLIC HEALTH, SAFETY AND GENERAL WELFARE, TO ADOPT AND PROMULGATE RULES AND REGULATIONS TO INTERPRET AND IMPLEMENT THE PROVISIONS OF THIS CODE TO SECURE THE INTENT THEREOF AND TO DESIGNATE REQUIREMENTS APPLICABLE BECAUSE OF LOCAL CLIMATIC OR OTHER CONDITIONS. SUCH RULES SHALL NOT HAVE THE EFFECT OF WAIVING STRUCTURAL OR FIRE PERFORMANCE REQUIREMENTS SPECIFICALLY PROVIDED FOR IN THIS CODE OR OF VIOLATING ACCEPTED ENGINEERING PRACTICE INVOLVING PUBLIC SAFETY.”

(10) SUBSECTION 104.6 IS AMENDED BY ADDING A NEW SENTENCE AT THE END OF THE SECTION: “NOTHING IN THIS SECTION SHALL BE DEEMED TO RESTRICT OR OTHERWISE LIMIT THE PROVISIONS OF SECTION 1-18 OF THE HARFORD COUNTY CODE.”

(11) NEW SUBSECTION 104.12 IS ADDED AS FOLLOWS:

“104.12 RESTRICTION OF EMPLOYEES. AN OFFICIAL OR EMPLOYEE CONNECTED WITH THE DEPARTMENT OF BUILDING SAFETY, EXCEPT ONE WHOSE ONLY CONNECTION IS THAT OF A MEMBER OF THE BOARD OF APPEALS ESTABLISHED UNDER THE PROVISIONS OF ~~SECTION 121.0~~ APPENDIX B, SHALL NOT BE ENGAGED IN OR DIRECTLY OR INDIRECTLY CONNECTED WITH THE FURNISHING OF LABOR, MATERIALS OR

1 APPLIANCES FOR THE CONSTRUCTION, ALTERATION OR
2 MAINTENANCE OF A BUILDING, OR THE PREPARATION OF
3 CONSTRUCTION DOCUMENTS THEREOF, UNLESS THAT PERSON IS THE
4 OWNER OF THE BUILDING; NOR SHALL SUCH OFFICER OR EMPLOYEE
5 ENGAGE IN ANY WORK THAT CONFLICTS WITH OFFICIAL DUTIES OR
6 WITH THE INTERESTS OF THE DEPARTMENT.”

7 (12) SUBSECTION 105.1 IS DELETED AND THE FOLLOWING IS INSERTED
8 IN LIEU THEREOF:

9 **“105.1 REQUIRED.** ANY OWNER OR AUTHORIZED AGENT WHO
10 INTENDS TO CONSTRUCT, ENLARGE, ALTER, REPAIR, MOVE, DEMOLISH
11 OR CHANGE THE OCCUPANCY OF A BUILDING OR STRUCTURE, OR TO
12 ERECT, INSTALL, ENLARGE, ALTER, REPAIR, REMOVE CONVERT OR
13 REPLACE ANY MECHANICAL SYSTEM, THE INSTALLATION OF WHICH IS
14 REGULATED BY THIS CODE, OR TO CAUSE ANY SUCH WORK TO BE
15 DONE, SHALL FIRST MAKE APPLICATION TO THE BUILDING OFFICIAL
16 AND OBTAIN THE REQUIRED PERMIT.”

17 (12) SUBSECTION 105.1.1 IS DELETED.

18 (13) SUBSECTION 105.1.2 IS DELETED.

19 (14) SUBSECTION 105.2 IS AMENDED BY DELETING SUBHEADINGS
20 “ELECTRICAL,” “GAS” AND “PLUMBING” AND BY AMENDING SUBHEADING
21 “BUILDING” BY ADDING THE FOLLOWING SUB-ITEMS.

22 “14. THE PROVISIONS OF THIS CODE SHALL NOT APPLY TO THE
23 CONSTRUCTION, MAINTENANCE OR ALTERATION OF BUILDINGS
24 OR STRUCTURES ON PROPERTY WHICH IS ZONED

1 AGRICULTURAL, ASSESSED AGRICULTURAL, THE BUILDING OR
2 STRUCTURE IS USED ONLY FOR AGRICULTURAL PURSUITS, AND
3 THE BUILDING OR STRUCTURE IS NOT INTENDED FOR NOR USED
4 FOR HUMAN OCCUPANCY.

5 15. ONE STORY DETACHED ACCESSORY STRUCTURES TO USE
6 GROUP R-3, PROVIDED THE FLOOR AREA DOES NOT EXCEED 200
7 SQUARE FEET.”

8 (15) SUBSECTION 105.2.2 IS DELETED AND THE FOLLOWING IS
9 INSERTED IN LIEU THEREOF:

10 **“105.2.2 REPAIRS.** APPLICATION OR NOTICE TO THE BUILDING
11 OFFICIAL IS NOT REQUIRED FOR ORDINARY REPAIRS TO STRUCTURES.
12 SUCH REPAIRS SHALL NOT INCLUDE THE CUTTING AWAY OF ANY
13 LOAD BEARING WALL, PARTITION OR PORTION THEREOF, THE
14 REMOVAL OR CUTTING OF ANY STRUCTURAL BEAM OR LOAD
15 BEARING SUPPORT, OR THE REMOVAL OR CHANGE OF ANY REQUIRED
16 MEANS OF EGRESS, OR REARRANGEMENT OF PARTS OF A STRUCTURE
17 AFFECTING THE EGRESS REQUIREMENTS; NOR SHALL ORDINARY
18 REPAIRS INCLUDE ADDITION TO, ALTERATION OF, REPLACEMENT OR
19 RELOCATION OF ANY STANDPIPE, MECHANICAL OR OTHER WORK
20 AFFECTING PUBLIC HEALTH OR GENERAL SAFETY.”

21 (16) SUBSECTION 105.5 IS AMENDED BY DELETING “180 DAYS” IN THE
22 THIRD LINE AND INSERTING “12 MONTHS” IN LIEU THEREOF.

23 (17) NEW SUBSECTION 105.6.1 IS ADDED AS FOLLOWS:

24 **“105.6.1 WITHHOLDING PERMITS.** THE BUILDING OFFICIAL MAY

1 WITHHOLD THE ISSUANCE OF ANY PERMIT AND/OR PLACE A HOLD ON
2 INSPECTIONS IF THE APPLICANT, THE OWNER OR ANY INDIVIDUAL
3 LISTED ON THE APPLICATION AS A RESPONSIBLE OFFICER (IF THE
4 APPLICANT IS A BUSINESS ENTITY) HAS FAILED TO REMEDY OR
5 CORRECT ANY EXISTING/ALLEGED VIOLATION OF THE HARFORD
6 COUNTY CODE ON ANY CONSTRUCTION PROJECTS IN HARFORD
7 COUNTY FOR WHICH THE APPLICANT HAS BEEN CITED BY ANY
8 COUNTY AGENCY.”

9 (18) SUBSECTION 108.2 IS DELETED AND THE FOLLOWING IS INSERTED
10 IN LIEU THEREOF:

11 **“108.2 SCHEDULE OF PERMIT FEES.** ON BUILDINGS, STRUCTURES,
12 MECHANICAL SYSTEMS OR ALTERATIONS REQUIRING A PERMIT, A FEE
13 FOR EACH PERMIT SHALL BE PAID AS REQUIRED, IN ACCORDANCE
14 WITH CHAPTER 157 OF THE HARFORD COUNTY CODE.”

15 (19) SUBSECTION 108.6 IS DELETED AND THE FOLLOWING IS INSERTED
16 IN LIEU THEREOF:

17 **“108.6 REFUNDS.** REFUNDS SHALL BE MADE IN ACCORDANCE WITH
18 CHAPTER 157 OF THE HARFORD COUNTY CODE.”

19 (20) NEW SUBSECTION 109.1.1 IS ADDED AS FOLLOWS:

20 **“109.1.1 PURPOSE OF INSPECTIONS.** ALL INSPECTIONS CONDUCTED
21 BY THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS ARE
22 PERFORMED FOR THE PROTECTION AND PROMOTION OF PUBLIC
23 SAFETY, HEALTH AND WELFARE. THE INSPECTIONS ARE MADE
24 SOLELY FOR THE PUBLIC BENEFIT AND ARE NOT TO BE CONSTRUED AS

1 PROVIDING ANY WARRANTY OF CONSTRUCTION TO INDIVIDUAL
2 MEMBERS OF THE PUBLIC.”

3 (21) NEW SUBSECTION 109.3.8.1 IS ADDED AS FOLLOWS:

4 **“109.3.8.1 HAZARDOUS MATERIALS INSPECTIONS.** AS DEEMED
5 NECESSARY BY THE BUILDING OFFICIAL, APPROVAL FROM THE
6 HARFORD COUNTY HAZARDOUS MATERIALS TEAM MAY BE REQUIRED
7 PRIOR TO A CERTIFICATE OF OCCUPANCY BEING ISSUED.”

8 (22) NEW SUBSECTION 109.7 IS ADDED AS FOLLOWS:

9 **“109.7 STANDARDS.** ALL BUILDINGS, STRUCTURES AND
10 APPURTENANCES THERETO SHALL BE CONSTRUCTED STRICTLY IN
11 COMPLIANCE WITH ACCEPTED ENGINEERING PRACTICE. ALL
12 MEMBERS AND COMPONENTS OF THE STRUCTURE SHALL BE
13 INSTALLED, FITTED OR FASTENED, MOVED OR STORED IN SUCH A
14 MANNER THAT THE FULL STRUCTURAL CAPABILITIES OF THE
15 MEMBERS ARE OBTAINED. IMPROPER ALIGNMENT (LEVEL AND
16 SQUARE), FITTING, FASTENING OR METHODS OF CONSTRUCTION
17 SHALL BE CONSIDERED A VIOLATION OF THIS CODE.”

18 (23) SUBSECTION 110.4 IS AMENDED BY ADDING THE FOLLOWING AT
19 THE END OF THE SUBSECTION: “ANY PERSON, FIRM OR CORPORATION ENGAGED IN
20 THE PROCESS OF SELLING PROPERTY IN WHICH A TEMPORARY CERTIFICATE OF
21 OCCUPANCY IS ISSUED SHALL AT THE TIME OF SETTLEMENT PRESENT TO THE
22 BUYER A COPY OF THE TEMPORARY CERTIFICATE OF OCCUPANCY WHICH MUST
23 INCLUDE A LIST OF DEFICIENCIES THAT REMAIN TO BE CORRECTED.”

24 (24) SUBSECTION 113.4 IS AMENDED BY DELETING THE PHRASE

1 "SHALL BE SUBJECT TO PENALTIES AS PRESCRIBED BY LAW" IN THE LAST LINE AND
2 INSERTING THE FOLLOWING IN LIEU THEREOF: "SHALL BE GUILTY OF A
3 MISDEMEANOR, PUNISHABLE BY A FINE OF NOT MORE THAN ONE THOUSAND
4 DOLLARS (\$1,000.00) OR BY IMPRISONMENT NOT EXCEEDING NINETY DAYS, OR
5 BOTH SUCH FINE AND IMPRISONMENT. EACH DAY THAT A VIOLATION CONTINUES
6 SHALL BE DEEMED A SEPARATE OFFENSE."

7 (25) NEW SECTION 116 IS ADDED AS FOLLOWS:

8 **"116. EMERGENCY MEASURES.**

9 **116.1 IMMINENT DANGER.** WHEN, IN THE OPINION OF THE BUILDING
10 OFFICIAL, THERE IS IMMINENT DANGER OF FAILURE OR COLLAPSE OF
11 A BUILDING OR STRUCTURE OR ANY PART THEREOF WHICH
12 ENDANGERS LIFE, OR WHEN ANY STRUCTURE OR PART OF A
13 STRUCTURE HAS FALLEN AND LIFE IS ENDANGERED BY THE
14 OCCUPATION OF THE BUILDING OR STRUCTURE, THE BUILDING
15 OFFICIAL IS HEREBY AUTHORIZED AND EMPOWERED TO ORDER AND
16 REQUIRE THE OCCUPANTS TO VACATE THE SAME FORTHWITH. THE
17 BUILDING OFFICIAL SHALL POST AT EACH ENTRANCE OF SUCH
18 STRUCTURE A NOTICE READING AS FOLLOWS: 'THIS STRUCTURE IS
19 UNSAFE AND ITS OCCUPANCY HAS BEEN PROHIBITED BY THE
20 BUILDING OFFICIAL. IT SHALL BE UNLAWFUL FOR ANY PERSON TO
21 ENTER SUCH STRUCTURE EXCEPT FOR THE PURPOSE OF MAKING THE
22 REQUIRED REPAIRS OR OF DEMOLISHING THE SAME.'

23 **116.2 TEMPORARY SAFEGUARDS.** WHEN, IN THE OPINION OF THE
24 BUILDING OFFICIAL, THERE IS IMMINENT DANGER DUE TO AN UNSAFE

1 CONDITION, THE BUILDING OFFICIAL SHALL CAUSE THE NECESSARY
2 WORK TO BE DONE TO RENDER SUCH STRUCTURE TEMPORARILY SAFE,
3 WHETHER OR NOT THE LEGAL PROCEDURE HEREIN DESCRIBED HAS
4 BEEN INSTITUTED.

5 **116.3 CLOSING STREETS.** WHEN NECESSARY FOR PUBLIC SAFETY,
6 THE BUILDING OFFICIAL SHALL TEMPORARILY CLOSE STRUCTURES
7 AND CLOSE, OR ORDER THE AUTHORITY HAVING JURISDICTION TO
8 CLOSE, SIDEWALKS, STREETS, PUBLIC WAYS AND PLACES ADJACENT
9 TO UNSAFE STRUCTURES AND PROHIBIT THE SAME FROM BEING USED.

10 **116.4 EMERGENCY REPAIRS.** FOR THE PURPOSES OF THIS SECTION,
11 THE BUILDING OFFICIAL SHALL EMPLOY THE NECESSARY LABOR AND
12 MATERIALS TO PERFORM THE REQUIRED WORK AS EXPEDITIOUSLY AS
13 POSSIBLE.

14 **116.5 COSTS OF EMERGENCY REPAIRS.** COSTS INCURRED IN THE
15 PERFORMANCE OF EMERGENCY WORK SHALL BE PAID FROM THE
16 TREASURY OF THE JURISDICTION ON APPROVAL OF THE BUILDING
17 OFFICIAL. THE LEGAL COUNSEL OF THE JURISDICTION SHALL
18 INSTITUTE APPROPRIATE ACTION AGAINST THE OWNER OF THE
19 PREMISES WHERE THE UNSAFE STRUCTURE IS OR WAS LOCATED TO
20 RECOVER THE COSTS INCURRED BY THE JURISDICTION FOR THE
21 PERFORMANCE OF THE EMERGENCY WORK.

22 **116.6 UNSAFE EQUIPMENT.** EQUIPMENT DEEMED UNSAFE BY THE
23 BUILDING OFFICIAL SHALL NOT BE OPERATED AFTER THE DATE
24 STATED IN THE WRITTEN NOTICE UNLESS THE REQUIRED REPAIRS OR

1 CHANGES HAVE BEEN MADE AND THE EQUIPMENT HAS BEEN
2 APPROVED, OR UNLESS AN EXTENSION OF TIME HAS BEEN SECURED
3 FROM THE BUILDING OFFICIAL IN WRITING.

4 **116.6.1 AUTHORITY TO SEAL EQUIPMENT.** IN THE CASE OF AN
5 EMERGENCY, THE BUILDING OFFICIAL SHALL HAVE THE AUTHORITY
6 TO IMMEDIATELY SEAL OUT OF SERVICE ANY UNSAFE DEVICE OR
7 EQUIPMENT REGULATED BY THIS CODE.

8 **116.6.2 UNLAWFUL TO REMOVE SEAL.** ANY DEVICE OR EQUIPMENT
9 SEALED OUT OF SERVICE BY THE BUILDING OFFICIAL SHALL BE
10 PLAINLY IDENTIFIED IN AN APPROVED MANNER. THE IDENTIFICATION
11 SHALL NOT BE TAMPERED WITH, DEFACED OR REMOVED EXCEPT BY
12 THE BUILDING OFFICIAL AND SHALL INDICATE THE REASON FOR SUCH
13 SEALING.”

14 (26) SUBSECTION 501.2 IS DELETED AND THE FOLLOWING IS INSERTED
15 IN LIEU THEREOF:

16 **“501.2 PREMISES IDENTIFICATION.** ADDRESS NUMBERS SHALL BE
17 PROVIDED ON NEW OR RENOVATED BUILDINGS AS REQUIRED BY
18 CHAPTER 84 OF THE HARFORD COUNTY CODE.”

19 (27) SUBSECTION 504.2 IS DELETED AND THE FOLLOWING IS INSERTED
20 IN LIEU THEREOF:

21 **“504.2 AUTOMATIC SPRINKLER INCREASE.** FOR BUILDINGS
22 PROTECTED THROUGHOUT WITH AN APPROVED AUTOMATIC
23 SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION
24 903.3.1.1, THE VALUES SPECIFIED IN TABLE 503 FOR MAXIMUM HEIGHT

1 ARE INCREASED BY 20 FEET (6096 MM), AND THE MAXIMUM NUMBER
2 OF STORIES IS INCREASED BY ONE STORY. WHERE THE BUILDING IS
3 EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM
4 INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.2. FOR GROUPS R-1,
5 R-2, AND R-4 AND IN ACCORDANCE WITH SECTION 903.3.1.3 FOR GROUP
6 R-3, THE BUILDING HEIGHT LIMITATIONS SPECIFIED IN TABLE 503 IS
7 INCREASED ONE STORY AND 20 FEET (6096 MM) BUT MAY NOT EXCEED
8 A HEIGHT OF FOUR STORIES AND 60 FEET (18288 MM). THESE
9 INCREASES ARE PERMITTED IN ADDITION TO THE AREA INCREASE.”

10 (28) SUBSECTION 705.6 IS AMENDED BY DELETING EXCEPTION 6 AND
11 INSERTING THE FOLLOWING IN LIEU THEREOF:

12 “6. IN GROUPS R-2 AND R-3 AS APPLICABLE IN SECTION 101.2, WALLS
13 ARE PERMITTED TO TERMINATE AT THE ROOF SHEATHING OR
14 DECK IN TYPES III, IV AND V CONSTRUCTION, IF:

15 6.1 THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF
16 APPROVED NONCOMBUSTIBLE MATERIALS OR OF FIRE-
17 RETARDANT-TREATED WOOD FOR A DISTANCE OF 4 FEET
18 (1220 MM) ON BOTH SIDES OF THE WALL; OR

19 6.2 THE BUILDING IS EQUIPPED THROUGHOUT WITH AN
20 AUTOMATIC SPRINKLER SYSTEM INSTALLED IN
21 ACCORDANCE WITH SECTION 903.1.1 OR 903.1.2 OF THIS
22 CODE FOR GROUP R-2, AND 903.1.1, 903.1.2 OR 903.1.3 OF
23 THIS CODE FOR GROUP R-3; OR

24 6.3 ALL OF THE FOLLOWING APPLIES:

6.3.1 THE ROOF IS PROTECTED WITH 5/8-INCH (15.9 MM)
TYPE X GYPSUM BOARD DIRECTLY BENEATH THE
UNDERSIDE OF THE ROOF SHEATHING OR DECK,
SUPPORTED BY A MINIMUM OF 2-INCH (51 MM)
LEDGERS ATTACHED TO THE SIDES OF THE ROOF
FRAMING MEMBERS, FOR A MINIMUM DISTANCE OF
4 FEET (1220 MM) ON BOTH SIDES OF THE FIRE WALL;
AND

6.3.2 OPENINGS IN THE ROOF ARE NOT LOCATED WITHIN
4 FEET (1220 MM) OF THE FIRE WALL; AND

6.3.3 THE ROOF IS COVERED WITH A MINIMUM CLASS C
ROOF COVERING.”

(29) SUBSECTION 907.2.10.1.2 IS AMENDED BY ADDING THE
FOLLOWING EXCEPTION:

“**EXCEPTION.** IN GROUPS R-2 AND R-3 STRUCTURES, SMOKE ALARMS
ARE NOT REQUIRED IN SLEEPING ROOMS IN BUILDINGS PROTECTED BY
AN APPROVED AUTOMATIC SPRINKLER SYSTEM INSTALLED IN
ACCORDANCE WITH SECTION 903.3.1.1, 903.3.1.2 OR 903.3.1.3 OF THIS
CODE.”

(30) SUBSECTION 1003.3.3.3 IS AMENDED BY DELETING EXCEPTION 5
AND INSERTING THE FOLLOWING IN LIEU THEREOF:

“5. IN OCCUPANCIES IN GROUP R-3 AND IN OCCUPANCIES IN GROUP
U WHICH ARE ACCESSORY TO AN OCCUPANCY IN GROUP R-3,
THE MAXIMUM RISER HEIGHT SHALL BE 8¼ INCHES (210 MM)

1 AND THE MINIMUM TREAD DEPTH SHALL BE 9 INCHES (229 MM).
2 A NOSING NOT LESS THAN ¾ INCHES (19 MM) BUT NOT MORE
3 THAN 1¼ INCHES (32 MM) SHALL BE PROVIDED ON STAIRWAYS
4 WITH SOLID RISERS WHERE THE TREAD DEPTH IS LESS THAN 11
5 INCHES (279 MM).

6 WITHIN DWELLING UNITS IN OCCUPANCIES IN GROUP R-2, THE
7 MAXIMUM RISER HEIGHT SHALL BE 8 INCHES (204 MM) AND THE
8 MINIMUM TREAD DEPTH SHALL BE 9 INCHES (229 MM). A
9 NOSING NOT LESS THAN ¾ INCHES (19MM) BUT NOT MORE THAN
10 1¼ INCHES (32 MM) SHALL BE PROVIDED ON STAIRWAYS WITH
11 SOLID RISERS WHERE THE TREAD DEPTH IS LESS THAN 11
12 INCHES (229 MM)."

13 (31) SUBSECTION 1003.3.3.11.3 IS AMENDED BY ADDING THE
14 FOLLOWING EXCEPTION:

15 "EXCEPTION. FOR OCCUPANCIES IN GROUP R-3 AS APPLICABLE IN
16 SECTION 101.2 OF THIS CODE AND WITHIN DWELLING UNITS IN
17 OCCUPANCIES IN GROUP R-2 AS APPLICABLE IN SECTION 101.2 OF THIS
18 CODE, THE GRIP PORTION OF HANDRAILS SHALL HAVE A CIRCULAR
19 CROSS SECTION OF 1¼ INCHES (32 MM) MINIMUM TO 2.625 INCHES (66.7
20 MM) MAXIMUM. OTHER SHAPES THAT PROVIDE AN EQUIVALENT
21 GRASPING SURFACE ARE PERMISSIBLE. EDGES SHALL HAVE A
22 MINIMUM RADIUS OF .125 INCHES (3.2 MM)."

23 (32) SUBSECTION 1009.1 EXCEPTION 1 IS AMENDED BY DELETING THE
24 WORD "OR" IN THE FOURTH LINE AND REPLACING WITH A COMMA AND INSERTING

1 “OR 903.3.1.3 OF THIS CODE” AT THE END OF THE SENTENCE.

2 (33) CHAPTER 11 IS DELETED. THE MARYLAND ACCESSIBILITY CODE
3 AS SET FORTH IN CODE OF MARYLAND REGULATIONS 05.02.02 APPLIES.

4 (34) SUBSECTION 1607.11 IS AMENDED BY ADDING A NEW SENTENCE
5 AT THE END OF THE SUBSECTION: “IN NO CASE SHALL THE ROOF LIVE LOAD BE
6 COMPUTED TO BE LESS THAN 30 PSF FOR ALL OCCUPANCY GROUPS EXCEPT GROUP
7 U.”

8 (35) SUBSECTION 1612.3 IS AMEND BY DELETING “[INSERT NAME OF
9 JURISDICTION]” IN THE SEVENTH LINE AND INSERTING IN LIEU THEREOF “HARFORD
10 COUNTY” AND BY DELETING “[INSERT DATE OF ISSUANCE]” STARTING IN THE
11 SEVENTH LINE AND INSERTING IN LIEU THEREOF “JANUARY 7, 2000”.

12 (36) NEW SUBSECTION 1805.2.1.1 IS ADDED AS FOLLOWS:
13 **“1805.2.1.1 ESTABLISHMENT OF FROST LINE.** THE FROST LINE SHALL
14 **BE ESTABLISHED AT 30” (762 MM) BELOW THE FINISHED GRADE.”**

15 (37) CHAPTER 29 IS DELETED. CHAPTER 202 OF THE HARFORD
16 COUNTY CODE APPLIES.

17 (38) NEW SUBSECTION 3001.2.1 IS ADDED AS FOLLOWS:
18 **“3001.2.1 MARYLAND STATE ELEVATOR CODE.** THE PROVISIONS OF
19 **THIS CODE ARE IN ADDITION TO THE REQUIREMENTS IN THE**
20 **MARYLAND STATE ELEVATOR CODE. IF A CONFLICT BETWEEN THIS**
21 **CODE AND THE STATE CODE EXISTS, THE REQUIREMENTS IN THE**
22 **STATE CODE SHALL APPLY.”**

23 (39) SUBSECTION 3103.1.1 IS AMENDED BY DELETING “120 SQUARE
24 FEET (11.16 MM)” IN THE SECOND LINE AND INSERTING IN LIEU THEREOF “350

1 SQUARE FEET (32.55 MM)” AND BY DELETING “TEN” IN THE FIFTH LINE AND
2 INSERTING IN LIEU THEREOF “FIFTY”.

3 (40) NEW SUBSECTION 3305.2 IS ADDED AS FOLLOWS:

4 “**3305.2 HOUSEKEEPING.** RUBBISH AND TRASH SHALL NOT BE
5 ALLOWED TO ACCUMULATE ON CONSTRUCTION SITES AND SHALL BE
6 REMOVED AS SOON AS CONDITIONS WARRANT. COMBUSTIBLE
7 RUBBISH SHALL BE REMOVED PROMPTLY AND SHALL NOT BE
8 DISPOSED OF BY BURNING ON THE PREMISES OR IN THE IMMEDIATE
9 VICINITY. THE ENTIRE PREMISES AND AREA ADJOINING AROUND THE
10 OPERATION SHALL BE KEPT IN A SAFE AND SANITARY CONDITION.”

11 (41) SUBSECTION 3401.1 IS AMENDED BY ADDING “OR THE
12 MARYLAND REHABILITATION CODE” AFTER THE WORD “CHAPTER” IN THE FIRST
13 LINE.

14 (42) SUBSECTION 3401.3 IS AMENDED BY DELETING “INTERNATIONAL
15 PROPERTY MAINTENANCE CODE, INTERNATIONAL PRIVATE SEWAGE DISPOSAL
16 CODE” IN THE SIXTH LINE.

17 (43) SUBSECTION 3409.2 IS AMENDED BY DELETING “[DATE TO BE
18 INSERTED BY THE JURISDICTION.] NOTE: IT IS RECOMMENDED THAT THIS DATE
19 COINCIDE WITH THE EFFECTIVE DATE OF BUILDING CODES WITHIN THE
20 JURISDICTION]” AND INSERTING IN LIEU THEREOF “MARCH 1, 1968”.

21 (44) SUBSECTION H101.2 IS DELETED AND THE FOLLOWING IS
22 INSERTED IN LIEU THEREOF:

23 “**H101.2 SIGNS REQUIRING BUILDING PERMITS.** ALL SIGNS
24 REQUIRING STRUCTURAL ATTACHMENT TO BUILDINGS OR

1 STRUCTURES ARE REQUIRED TO BE PERMITTED BEFORE
2 COMMENCEMENT OF CONSTRUCTION.”

3 (45) SECTION H109 IS DELETED.

4 **ARTICLE II. 2000 INTERNATIONAL RESIDENTIAL CODE**

5 **§ 82-3. ADOPTION OF 2000 INTERNATIONAL RESIDENTIAL CODE BY REFERENCE.**

6 A. THE 2000 INTERNATIONAL RESIDENTIAL CODE PUBLISHED BY THE
7 INTERNATIONAL CODE COUNCIL, INC., IS HEREBY ADOPTED AND BY REFERENCE
8 THERE TO IS MADE A PART OF THIS CHAPTER WITH THE SAME FORCE AND EFFECT
9 AS THOUGH SET OUT IN FULL HEREIN, SAVE AND EXCEPT SUCH CHANGES,
10 AMENDMENTS, REVISIONS, DELETIONS, SUBSECTIONS AND/OR ADDITIONS AS
11 SPECIFIED IN THIS CHAPTER. IF CONFLICTS WITH THIS CODE, OR WITH CHANGES,
12 AMENDMENTS, REVISIONS, DELETIONS, SUBSECTIONS, AND/OR ADDITIONS TO THAT
13 CODE ARE FOUND ELSEWHERE IN THE COUNTY CODE, THE MOST RESTRICTIVE
14 PROVISIONS SHALL GOVERN.

15 B. AT LEAST ONE COPY OF THIS CODE AND SUPPLEMENTS THERETO
16 SHALL BE ON FILE AND OPEN FOR PUBLIC USE, EXAMINATION AND INSPECTION IN
17 THE OFFICE OF THE DIRECTOR OF ADMINISTRATION AND IN THE OFFICE OF THE
18 COUNCIL ADMINISTRATOR.

19 **§ 82-4. MODIFICATIONS.**

20 THE FOLLOWING SECTIONS ARE CHANGES OR ADDITIONS TO CERTAIN
21 SECTIONS OF THE 2000 INTERNATIONAL RESIDENTIAL CODE:

22 (1) SUBSECTION R101.1 IS AMENDED BY DELETING “[NAME OF
23 JURISDICTION]” AND INSERTING IN LIEU THEREOF “HARFORD COUNTY”.

24 (2) NEW SUBSECTION R101.2.1 IS ADDED AS FOLLOWS:

1 **“R101.2.1 APPENDICES.** PROVISIONS IN APPENDIX A, SIZING AND
2 CAPACITIES OF GAS PIPING; APPENDIX B, SIZING OF VENTING SYSTEMS
3 SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY I
4 APPLIANCES, AND APPLIANCES LISTED FOR USE AND TYPE B VENTS;
5 APPENDIX C, EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-
6 VENT VENTING SYSTEMS; APPENDIX D, RECOMMENDED PROCEDURE
7 FOR SAFETY INSPECTION OF AN EXISTING APPLIANCE INSTALLATION;
8 APPENDIX E, MANUFACTURED HOUSING USED AS DWELLINGS;
9 APPENDIX G, SWIMMING POOLS, SPAS AND HOT TUBS; APPENDIX H,
10 PATIO COVERS; APPENDIX J, EXISTING BUILDINGS AND STRUCTURES;
11 AND APPENDIX K, SOUND TRANSMISSION, SHALL BE DEEMED AS PART
12 OF THIS CODE.”

13 (3) NEW SUBSECTION R101.4 IS ADDED AS FOLLOWS:

14 **“R101.4 HOUSEKEEPING.** RUBBISH AND TRASH SHALL NOT BE
15 ALLOWED TO ACCUMULATE ON CONSTRUCTION SITES AND SHALL BE
16 REMOVED AS SOON AS CONDITIONS WARRANT. COMBUSTIBLE
17 RUBBISH SHALL BE REMOVED PROMPTLY AND SHALL NOT BE
18 DISPOSED OF BY BURNING ON THE PREMISES OR IN THE IMMEDIATE
19 VICINITY. THE ENTIRE PREMISES AND AREA ADJOINING AROUND THE
20 OPERATION SHALL BE KEPT IN A SAFE AND SANITARY CONDITION.”

21 (4) SECTIONS R102 THROUGH R114 OF THE 2000 INTERNATIONAL
22 RESIDENTIAL CODE ARE DELETED AND SECTIONS 102 THROUGH 116 OF THE 2000
23 INTERNATIONAL BUILDING CODE, AS AMENDED, SHALL BE APPLICABLE.

24 (5) SECTION R202 IS AMENDED BY DELETING THE DEFINITION OF

1 "MANUFACTURED HOME" AND INSERTING IN LIEU THEREOF:

2 "MANUFACTURED HOME: MANUFACTURED HOME MEANS A
3 STRUCTURE, TRANSPORTABLE IN ONE OR MORE SECTIONS, WHICH IN
4 THE TRAVELING MODE IS EIGHT BODY FEET OR MORE IN WIDTH OR
5 FORTY BODY FEET OR MORE IN LENGTH OR, WHEN ERECTED ON SITE,
6 IS THREE HUNDRED TWENTY OR MORE SQUARE FEET, AND WHICH IS
7 BUILT ON A PERMANENT CHASSIS AND DESIGNED TO BE USED AS A
8 DWELLING WITH OR WITHOUT A PERMANENT FOUNDATION WHEN
9 CONNECTED TO THE REQUIRED UTILITIES, AND INCLUDES THE
10 PLUMBING, HEATING, AIR-CONDITIONING AND ELECTRICAL SYSTEMS
11 CONTAINED THEREIN. CALCULATIONS USED TO DETERMINE THE
12 NUMBER OF SQUARE FEET IN A STRUCTURE WILL BE BASED ON THE
13 STRUCTURE'S EXTERIOR DIMENSIONS MEASURED AT THE LARGEST
14 HORIZONTAL PROJECTIONS WHEN ERECTED ON SITE. THESE
15 DIMENSIONS WILL INCLUDE ALL EXPANDABLE ROOM, CABINETS AND
16 OTHER PROJECTIONS CONTAINING INTERIOR SPACES, BUT DO NOT
17 INCLUDE BAY WINDOWS. THIS TERM INCLUDES ALL STRUCTURES
18 WHICH MEET THE ABOVE REQUIREMENTS EXCEPT THE SIZE
19 REQUIREMENTS AND WITH RESPECT TO WHICH THE MANUFACTURER
20 VOLUNTARILY FILES A CERTIFICATION PURSUANT TO §3282.13 AND
21 COMPLIES WITH THE STANDARDS SET FORTH IN PART 3280.

22 NOTE: FOR MOBILE HOMES BUILT PRIOR TO JUNE 15, 1976, A
23 LABEL CERTIFYING COMPLIANCE TO THE STANDARD FOR MOBILE
24 HOME, NFPA 501, ANSI 119.1, IN EFFECT AT THE TIME OF MANUFACTURE

1 IS REQUIRED. FOR THE PURPOSE OF THESE PROVISIONS, A MOBILE
2 HOME SHALL BE CONSIDERED A MANUFACTURED HOME.”

3 (6) TABLE R301.2(1) IS AMENDED BY ADDING THE FOLLOWING
4 DESIGN VALUES: “ROOF SNOW LOAD - 30 PSF; WIND - 90 MPH, SEISMIC DESIGN
5 CATEGORY - B; WEATHERING - SEVERE; FROST LINE DEPTH – 30 INCHES (762 MM);
6 TERMITE - MODERATE TO HEAVY; DECAY - SLIGHT TO MODERATE; WINTER DESIGN
7 TEMP - 13; FLOOD HAZARDS - JULY 16, 1981 AND JANUARY 7, 2000”.

8 (7) TABLE R301.4 IS AMENDED BY DELETING “40” IN THE SECOND
9 LINE FOR DECKS AND INSERTING IN LIEU THEREOF “60”.

10 (8) SUBSECTION R302.1 IS AMENDED BY DELETING “R105.2” IN THE
11 SECOND LINE OF THE EXCEPTION AND INSERTING IN LIEU THEREOF “105.2 OF THE
12 2000 INTERNATIONAL BUILDING CODE, AS AMENDED BY HARFORD COUNTY”.

13 (9) NEW SUBSECTION R302.1.2 IS ADDED AS FOLLOWS:
14 **“R302.1.2 BALCONIES, DECKS, PORCHES OR SIMILAR APPENDAGES.**
15 **BALCONIES, DECKS, PORCHES OR SIMILAR APPENDAGES ATTACHED TO**
16 **TOWNHOUSES AND CONSTRUCTED WITH COMBUSTIBLE MATERIALS**
17 **SHALL NOT BE LOCATED CLOSER THAN 24 INCHES (609.6 MM) TO ANY**
18 **PROPERTY LINE.”**

19 (10) SUBSECTION R303.4.1 IS AMENDED BY NUMBERING THE EXISTING
20 EXCEPTION AS “1” AND ADDING THE FOLLOWING:

21 “2. INTERIOR STAIRS CONSISTING OF LESS THAN SIX RISERS.”

22 (11) SUBSECTION R309.1 IS AMENDED BY ADDING “AND SHALL BE
23 EQUIPPED WITH A SELF CLOSING DEVICE” AFTER THE WORD “DOORS” IN THE LAST
24 LINE.

1 (12) SUBSECTION R309.2 IS AMENDED BY DELETING “1/2-INCH
2 (12.7MM)” AND INSERTING IN LIEU THEREOF “5/8-INCH (15.9MM) FIRE CODE” IN THE
3 SECOND AND FIFTH LINES.

4 (13) SUBSECTION R310.1 IS AMENDED BY DELETING “BASEMENTS
5 WITH HABITABLE SPACE AND EVERY” STARTING IN THE FIRST LINE AND INSERTING
6 IN LIEU THEREOF “EVERY”.

7 (14) SUBSECTION R310.1 IS AMENDED BY ADDING THE FOLLOWING
8 EXCEPTION:

9 **“EXCEPTION.** DWELLING UNITS EQUIPPED THROUGH OUT WITH AN
10 AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH
11 SUBSECTION 903.3.1.3 OF THE 2000 INTERNATIONAL BUILDING CODE.”

12 (15) SUBSECTION R312.1.2 IS AMENDED BY DELETING THE FIRST
13 EXCEPTION AND INSERTING THE FOLLOWING IN LIEU THEREOF:

14 **“EXCEPTION.** IF A STAIRWAY OF TWO OR FEWER RISERS IS LOCATED
15 ON THE EXTERIOR SIDE OF A DOOR, OTHER THAN THE REQUIRED EXIT
16 DOOR, A LANDING IS NOT REQUIRED FOR THE EXTERIOR SIDE OF THE
17 DOOR.”

18 (16) SUBSECTION R314.2 IS DELETED AND THE FOLLOWING IS
19 INSERTED IN LIEU THEREOF:

20 **“R314.2 TREADS AND RISERS.** THE MAXIMUM RISER HEIGHT SHALL
21 BE 8¼ INCHES (210 MM) AND THE MINIMUM TREAD DEPTH SHALL BE 9
22 INCHES (299 MM). THE RISER HEIGHT SHALL BE MEASURED
23 VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS.
24 THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN

1 THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF ADJACENT
2 TREADS AND AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE
3 WALKING FACE OF TREADS AND LANDINGS OF A STAIRWAY SHALL BE
4 SLOPED NO STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS
5 HORIZONTAL. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF
6 STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCHES
7 (9.5 MM). THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS
8 SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCHES (9.5
9 MM)."

10 (17) SUBSECTION R314.2.1 EXCEPTION 1 IS AMENDED BY DELETING "11
11 INCHES (279 MM)" IN LINE TWO AND INSERTING IN LIEU THEREOF "10 INCHES (254
12 MM)".

13 (18) SUBSECTION R314.8 IS AMENDED BY ADDING THE FOLLOWING
14 EXCEPTION:

15 "EXCEPTION. ENCLOSED ACCESSIBLE SPACES UNDER STAIRS
16 PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN
17 ACCORDANCE WITH SECTION 903.3.1.3 OF THE 2000 INTERNATIONAL
18 BUILDING CODE."

19 (19) SUBSECTION R315.1 IS DELETED AND THE FOLLOWING IS
20 INSERTED IN LIEU THEREOF:

21 "R315.1 HANDRAILS. HANDRAILS SHALL BE PROVIDED ON AT LEAST
22 ONE SIDE OF STAIRWAYS CONSISTING OF THREE OR MORE RISERS.
23 HANDRAILS SHALL HAVE A MINIMUM HEIGHT OF 34 INCHES (864 MM)
24 AND A MAXIMUM HEIGHT OF 38 INCHES (965 MM) MEASURED

1 VERTICALLY FROM THE NOSING OF THE TREADS. ALL REQUIRED
2 HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS
3 FROM A POINT DIRECTLY ABOVE THE TOP RISER TO A POINT DIRECTLY
4 ABOVE THE LOWEST RISER OF THE STAIRWAY. THE ENDS OF THE
5 HANDRAIL SHALL BE RETURNED INTO A WALL OR SHALL TERMINATE
6 IN NEWEL POSTS OR SAFETY TERMINALS. A MINIMUM CLEAR SPACE
7 OF 1½ INCHES (38 MM) SHALL BE PROVIDED BETWEEN THE WALL AND
8 THE HANDRAIL.

9 **EXCEPTIONS:**

- 10 1. HANDRAILS SHALL BE PERMITTED TO BE INTERRUPTED BY A
11 NEWEL POST AT A TURN.
12 2. THE USE OF A VOLUTE, TURNOUT OR STARTING EASING SHALL
13 BE ALLOWED OVER THE LOWEST TREAD.”

14 (20) NEW SUBSECTION R316.1.1 IS ADDED AS FOLLOWS:

15 **“R316.1.1 AREAWAY GUARDS.** A GUARDRAIL OR OTHER APPROVED
16 BARRIER SHALL BE INSTALLED ON AREAWAY WALLS WITH A GRADE
17 LEVEL ELEVATION DIFFERENCE OF GREATER THAN 48 INCHES (1219.2
18 MM). GUARDRAILS SHALL BE CONSTRUCTED IN ACCORDANCE WITH
19 SECTION R316.2.”

20 (21) SUBSECTION R321.2.2 IS AMENDED BY ADDING THE FOLLOWING
21 AT THE END OF THIS SUBSECTION:

- 22 “4. A PARAPET IS NOT REQUIRED WHERE EACH OF THE ADJOINING
23 TOWNHOMES IS PROTECTED THROUGHOUT WITH AN
24 AUTOMATIC SUPPRESSION SYSTEM IN ACCORDANCE WITH

SUBSECTION 903.3.1.3 OF THE 2000 INTERNATIONAL BUILDING
CODE.”

(22) SUBSECTION R325.1 IS DELETED AND THE FOLLOWING IS
INSERTED IN LIEU THEREOF:

“R325.1 PREMISES IDENTIFICATION. ADDRESS NUMBERS SHALL BE
PROVIDED ON NEW OR RENOVATED BUILDINGS AS REQUIRED IN
CHAPTER 84 OF THE HARFORD COUNTY CODE.”

(23) SUBSECTION R405.1 IS AMENDED BY ADDING “IN ACCORDANCE
WITH THE HARFORD COUNTY PLUMBING CODE” AFTER THE WORD “SYSTEM” IN THE
SEVENTH LINE.

(24) SUBSECTION R405.1 IS AMENDED BY DELETING THE EXCEPTION
AT THE END OF THE SUBSECTION.

(25) SUBSECTION R506.2.2 IS AMENDED BY DELETING THE EXCEPTION
AT THE END OF THE SUBSECTION.

(26) NEW SUBSECTION R703.9.3 IS ADDED AS FOLLOWS:

“R703.9.3 SPECIAL INSPECTIONS. SPECIAL INSPECTIONS SHALL BE
REQUIRED FOR ALL EIFS APPLICATIONS.

EXCEPTIONS:

1. SPECIAL INSPECTIONS SHALL NOT BE REQUIRED FOR EIFS
APPLICATIONS INSTALLED OVER A WATER-RESISTIVE BARRIER
WITH A MEANS OF DRAINING MOISTURE TO THE EXTERIOR.
2. SPECIAL INSPECTIONS SHALL NOT BE REQUIRED FOR EIFS
APPLICATIONS INSTALLED OVER MASONRY OR CONCRETE
WALLS.”

(27) NEW SUBSECTION R903.4.2 IS ADDED AS FOLLOWS:

“R903.4.2 GUTTERS AND LEADERS. GUTTERS AND LEADERS SHALL BE INSTALLED IN ACCORDANCE WITH THE HARFORD COUNTY PLUMBING CODE. ALL RAIN LEADERS OR EXTENSIONS SHALL NOT DISCHARGE CLOSER THAN 10 FEET FROM ANY LOT LINE SO AS NOT TO BE A NUISANCE TO SURROUNDING PROPERTIES.”

(28) NEW SUBSECTION R905.2.8.6 IS ADDED AS FOLLOWS:

“R905.2.8.6 DRIP EDGE. PROVIDE DRIP EDGE AT EAVES AND GABLES OF SHINGLE ROOFS. OVERLAP TO BE A MINIMUM OF 2 INCHES (51 MM). EAVE DRIP EDGES SHALL EXTEND ¼ INCHES (6.4 MM) BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MINIMUM OF 2 INCHES (51 MM). DRIP EDGE SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12 INCHES (305 MM) ON CENTER.”

(29) TABLE N1102.1 IS AMENDED BY MODIFYING THE 4,500 - 4,999 HEATING DEGREE DAY LINE WITH THE FOLLOWING: “MAXIMUM GLAZING U-FACTOR - 0.4; CEILINGS - R-30; WALLS - R-13; FLOORS - R-19; BASEMENT WALLS - R-11; SLAB PERIMETER R-VALUE AND DEPTH - R-7, 2FT; CRAWL SPACE WALLS - R-17”.

(30) PART VII, CHAPTERS 25, 26, 27, 28, 29, 30, 31 AND 32 ARE DELETED AND THE HARFORD COUNTY PLUMBING CODE IS INSERTED IN LIEU THEREOF.

(31) PART VIII, CHAPTERS 33, 34, 35, 36, 37, 38, 39, 40, 41 AND 42 ARE DELETED AND THE HARFORD COUNTY ELECTRICAL CODE IS INSERTED IN LIEU THEREOF.

(32) SUBSECTION AE101.1 IS AMENDED BY DELETING THE SENTENCE “THESE PROVISIONS SHALL BE APPLICABLE ONLY TO A MANUFACTURED HOME

1 USED AS A SINGLE DWELLING UNIT INSTALLED ON PRIVATELY OWNED
2 (NONRENTAL) LOTS AND SHALL APPLY TO THE FOLLOWING:" AND INSERTING THE
3 FOLLOWING SENTENCE IN LIEU THEREOF: "THESE PROVISIONS SHALL BE
4 APPLICABLE ONLY TO A MANUFACTURED HOME USED AS A SINGLE DWELLING UNIT
5 INSTALLED ON PRIVATE AND RENTAL LOTS AND SHALL APPLY TO THE
6 FOLLOWING:".

7 (33) SUBSECTION AE201.1 IS AMENDED BY DELETING THE DEFINITION
8 OF "MANUFACTURED HOME" AND INSERTING THE FOLLOWING IN LIEU THEREOF:

9 **"MANUFACTURED HOME:** MANUFACTURED HOME MEANS A
10 STRUCTURE, TRANSPORTABLE IN ONE OR MORE SECTIONS, WHICH IN
11 THE TRAVELING MODE IS EIGHT BODY FEET OR MORE IN WIDTH OR
12 FORTY BODY FEET OR MORE IN LENGTH OR, WHEN ERECTED ON SITE,
13 IS THREE HUNDRED TWENTY OR MORE SQUARE FEET, AND WHICH IS
14 BUILT ON A PERMANENT CHASSIS AND DESIGNED TO BE USED AS A
15 DWELLING WITH OR WITHOUT A PERMANENT FOUNDATION WHEN
16 CONNECTED TO THE REQUIRED UTILITIES, AND INCLUDES THE
17 PLUMBING, HEATING, AIR-CONDITIONING AND ELECTRICAL SYSTEMS
18 CONTAINED THEREIN. CALCULATIONS USED TO DETERMINE THE
19 NUMBER OF SQUARE FEET IN A STRUCTURE WILL BE BASED ON THE
20 STRUCTURE'S EXTERIOR DIMENSIONS MEASURED AT THE LARGEST
21 HORIZONTAL PROJECTIONS WHEN ERECTED ON SITE. THESE
22 DIMENSIONS WILL INCLUDE ALL EXPANDABLE ROOM, CABINETS AND
23 OTHER PROJECTIONS CONTAINING INTERIOR SPACES, BUT DO NOT
24 INCLUDE BAY WINDOWS. THIS TERM INCLUDES ALL STRUCTURES

1 WHICH MEET THE ABOVE REQUIREMENTS EXCEPT THE SIZE
2 REQUIREMENTS AND WITH RESPECT TO WHICH THE MANUFACTURER
3 VOLUNTARILY FILES A CERTIFICATION PURSUANT TO §3282.13 AND
4 COMPLIES WITH THE STANDARDS SET FORTH IN PART 3280.

5 NOTE: FOR MOBILE HOMES BUILT PRIOR TO JUNE 15, 1976, A
6 LABEL CERTIFYING COMPLIANCE TO THE STANDARD FOR MOBILE
7 HOME, NFPA 501, ANSI 119.1, IN EFFECT AT THE TIME OF MANUFACTURE
8 IS REQUIRED. FOR THE PURPOSE OF THESE PROVISIONS, A MOBILE
9 HOME SHALL BE CONSIDERED A MANUFACTURED HOME.”

10 (34) SUBSECTION AE201.1 IS AMENDED BY DELETING THE DEFINITION
11 OF “PRIVATELY OWNED (NONRENTAL) LOT” AND INSERTING THE FOLLOWING IN
12 LIEU THEREOF:

13 **“PRIVATELY OWNED (NONRENTAL) LOT:** A PARCEL OF REAL ESTATE
14 OUTSIDE OF A MANUFACTURED HOME RENTAL COMMUNITY (PARK)
15 WHERE THE LAND AND THE MANUFACTURED HOME TO BE INSTALLED
16 THEREON ARE HELD IN COMMON OWNERSHIP.”

17 (35) SUBSECTION AE201.1 IS AMENDED BY ADDING THE FOLLOWING
18 DEFINITION:

19 **“RENTAL LOT:** A LOT OR SPACE THAT IS RENTED IN AN APPROVED
20 MANUFACTURED HOME COMMUNITY OR PARK.”

21 (36) SUBSECTION AE201.1 IS AMENDED BY ADDING THE FOLLOWING
22 DEFINITION:

23 **“INDUSTRIALIZED BUILDING:** IN ACCORDANCE WITH ARTICLE 83B,
24 §6-202 OF THE ANNOTATED CODE OF MARYLAND, ‘INDUSTRIALIZED

1 BUILDING' MEANS A BUILDING ASSEMBLY OR SYSTEM OF BUILDING
2 SUBASSEMBLIES MANUFACTURED IN ITS ENTIRETY, OR IN
3 SUBSTANTIAL PART, OFFSITE AND TRANSPORTED TO THE POINT OF
4 USE FOR INSTALLATION OR ERECTION, WITH OR WITHOUT OTHER
5 SPECIFIED COMPONENTS, AS A FINISHED BUILDING OR AS A PART OF A
6 FINISHED BUILDING COMPRISING TWO OR MORE INDUSTRIALIZED
7 BUILDING UNITS. AN INDUSTRIALIZED BUILDING NEED NOT HAVE
8 ELECTRICAL, PLUMBING, HEATING, VENTILATING, INSULATION OR
9 OTHER SERVICE SYSTEMS; BUT WHEN SUCH SYSTEMS ARE INSTALLED
10 AT THE OFFSITE MANUFACTURE OR ASSEMBLY POINT THEY SHALL BE
11 DEEMED A PART OF SUCH BUILDING ASSEMBLY OR SYSTEM OF
12 BUILDING ASSEMBLIES. INDUSTRIALIZED BUILDING DOES NOT
13 INCLUDE OPEN FRAME CONSTRUCTION WHICH CAN BE COMPLETELY
14 INSPECTED ONSITE. AN 'INDUSTRIALIZED BUILDING' DOES NOT
15 INCLUDE A MOBILE HOME."

16 (37) SECTION AE301 IS DELETED IN ITS ENTIRITY.

17 (38) SECTION AE302 IS DELETED IN ITS ENTIRITY.

18 (39) SECTION AE303 IS DELETED IN ITS ENTIRITY.

19 (40) SECTION AE304 IS DELETED IN ITS ENTIRITY.

20 (41) SUBSECTION AE602.1 IS AMENDED BY ADDING THE PHRASE "OR
21 ANSI A225.1-1994" IN THE LAST LINE OF THE LAST PARAGRAPH AFTER THE WORD
22 "DESIGNER".

23 (42) SUBSECTION AE603.1 IS DELETED AND THE FOLLOWING IS
24 INSERTED IN LIEU THEREOF:

AE603.1 GENERAL. PIERS CONSTRUCTED AS INDICATED IN SECTION
AE602 MAY HAVE HEIGHTS AS FOLLOWS:

1. PIERS 36 INCHES OR LESS IN HEIGHT AND ALL CORNER PIERS
SHALL BE AT LEAST 16 INCHES BY 16 INCHES CONSISTING OF
INTERLOCKING MASONRY UNITS AND SHALL BE FULLY CAPPED
WITH MINIMUM FOUR INCHES OF SOLID MASONRY UNIT OR
EQUIVALENT.
2. PIERS BETWEEN 36 INCHES AND 80 INCHES IN HEIGHT SHALL BE
AT LEAST 16 INCHES BY 16 INCHES CONSISTING OF
INTERLOCKING MASONRY UNITS AND SHALL BE FILLED SOLID
WITH GROUT AND REINFORCEMENT WITH FOUR NUMBER FIVE
BARS. ONE BAR SHALL BE PLACED IN EACH CORNER CELL OF
HOLLOW MASONRY UNIT.
3. CAST-IN-PLACE CONCRETE PIERS MEETING THE SAME SIZE AND
HEIGHT LIMITATION OF ITEMS NUMBER 1 AND NUMBER 2 ABOVE
MAY BE SUBSTITUTED FOR PIER CONSTRUCTION OF MASONRY
UNITS.
4. PIERS 80 INCHES AND HIGHER, ALL SUPPORT PIERS SHALL BE
DESIGNED BY AN ENGINEER OR ARCHITECT LICENSED BY THE
STATE TO PRACTICE.

**§ 82-5. STATUS OF BUILDING PERMITS APPLIED PRIOR TO EFFECTIVE DATE OF
THIS ARTICLE.**

THIS ARTICLE SHALL NOT APPLY TO BUILDINGS FOR WHICH A VALID
BUILDING PERMIT WAS APPLIED FOR PRIOR TO THE EFFECTIVE DATE OF THIS

1 ARTICLE.

2 § 82-6. SAVING CLAUSE.

3 NOTHING IN THIS CHAPTER HEREBY ADOPTED SHALL BE CONSTRUED TO
4 AFFECT ANY SUIT OR PROCEEDINGS IMPENDING IN ANY COURT, OR ANY RIGHTS
5 ACQUIRED, OR LIABILITY INCURRED, OR ANY CAUSE OR CAUSES OF ACTION
6 ACQUIRED OR EXISTING, UNDER ANY ACT OR ORDINANCE HEREBY REPEALED, NOR
7 SHALL ANY JUST OR LEGAL RIGHT OR REMEDY OF ANY CHARACTER BE LOST,
8 IMPAIRED OR AFFECTED BY THIS ORDINANCE.

9 Section 2. And Be It Further Enacted that this Act shall take effect 60 calendar days from the
10 date it becomes law.

EFFECTIVE:

*The Council Administrator does hereby certify that
fifteen (15) copies of this Bill are immediately available for
distribution to the public and the press.*

Council Administrator

**BILL NO. 01-38
AS AMENDED**

HARFORD COUNTY BILL NO. 01-38 (As Amended)
Brief Title) Building Code

is herewith submitted to the County Council of Harford County for enrollment as being the text as finally passed.

CERTIFIED TRUE AND CORRECT

ENROLLED

James E. Massey, Jr.
Administrator

[Signature]

Date 1-8-02

Date 1/8/02

BY THE COUNCIL

Read the third time.

Passed: LSD 02-2 (January 8, 2002)

Failed of Passage: _____

By Order

James E. Massey, Jr.
Council Administrator

Sealed with the County Seal and presented to the County Executive for approval this 10th day of January, 2001, at 4:00 p.m.



James E. Massey, Jr.
Council Administrator

BY THE EXECUTIVE

[Signature]
COUNTY EXECUTIVE

APPROVED:

Date 1-15-02

BY THE COUNCIL

This Bill (No. 01-38, as amended), having been approved by the Executive and returned to the Council, becomes law on January 15, 2002.

James E. Massey, Jr.
Council Administrator

Effective Date: March 18, 2002

**BILL NO. 01-38
AS AMENDED**